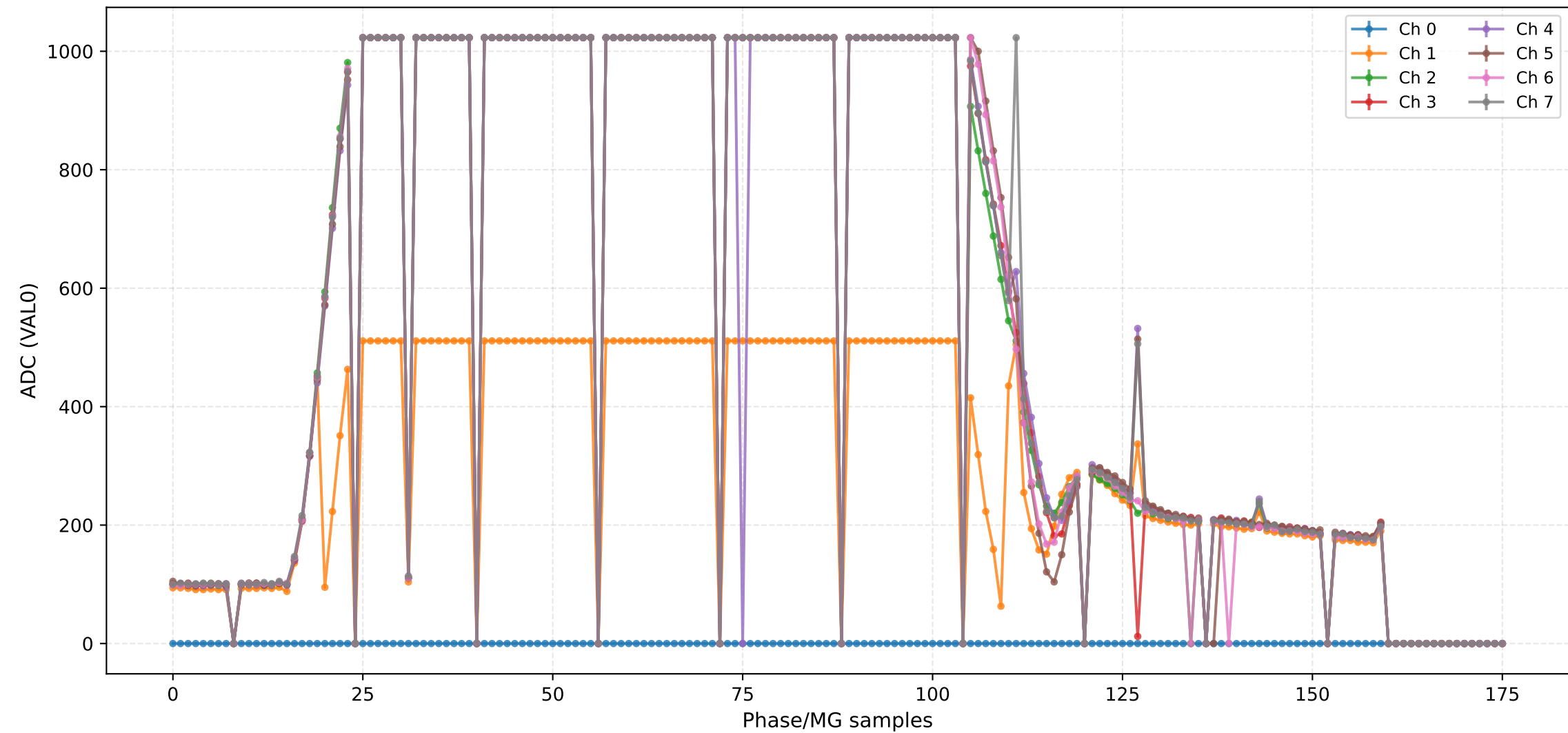
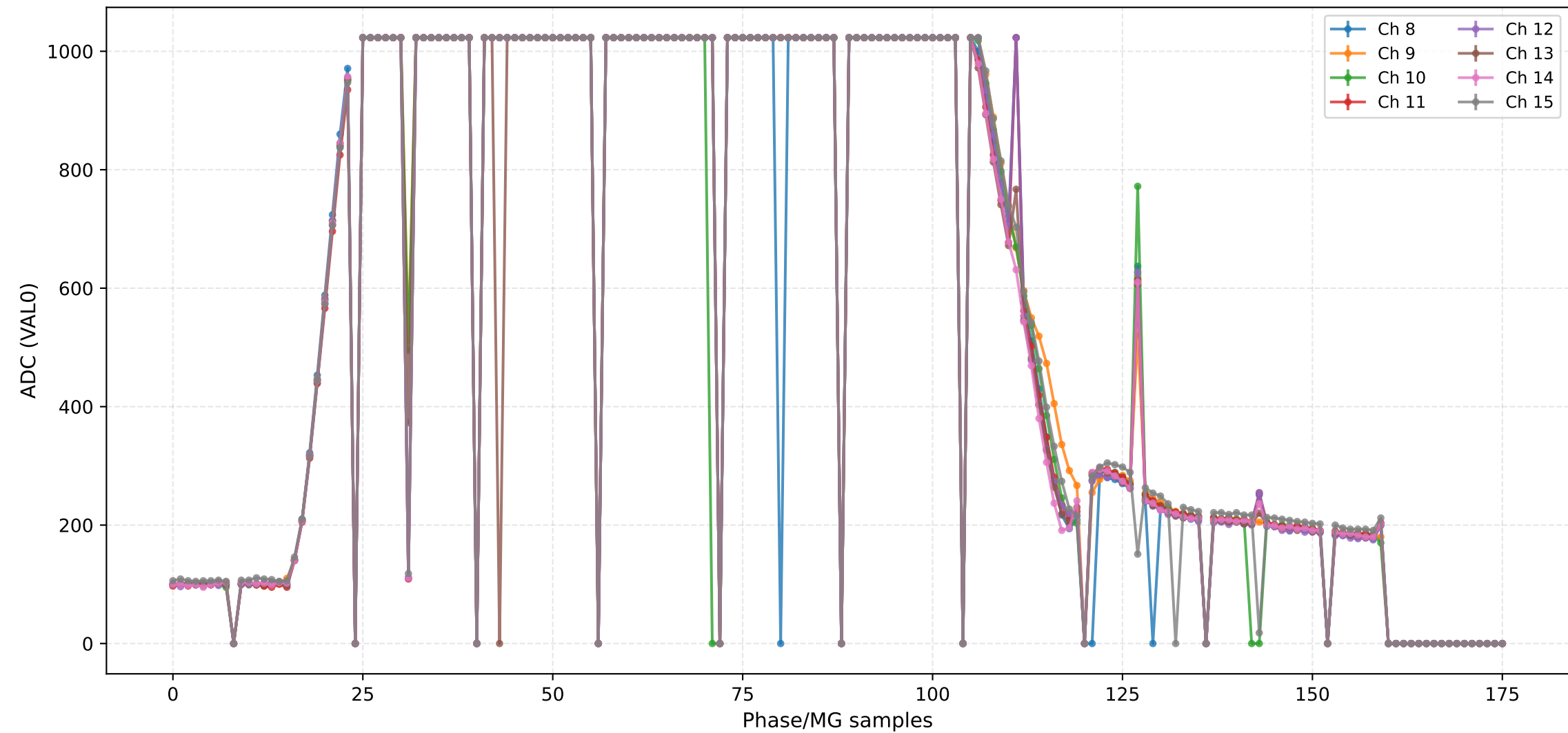


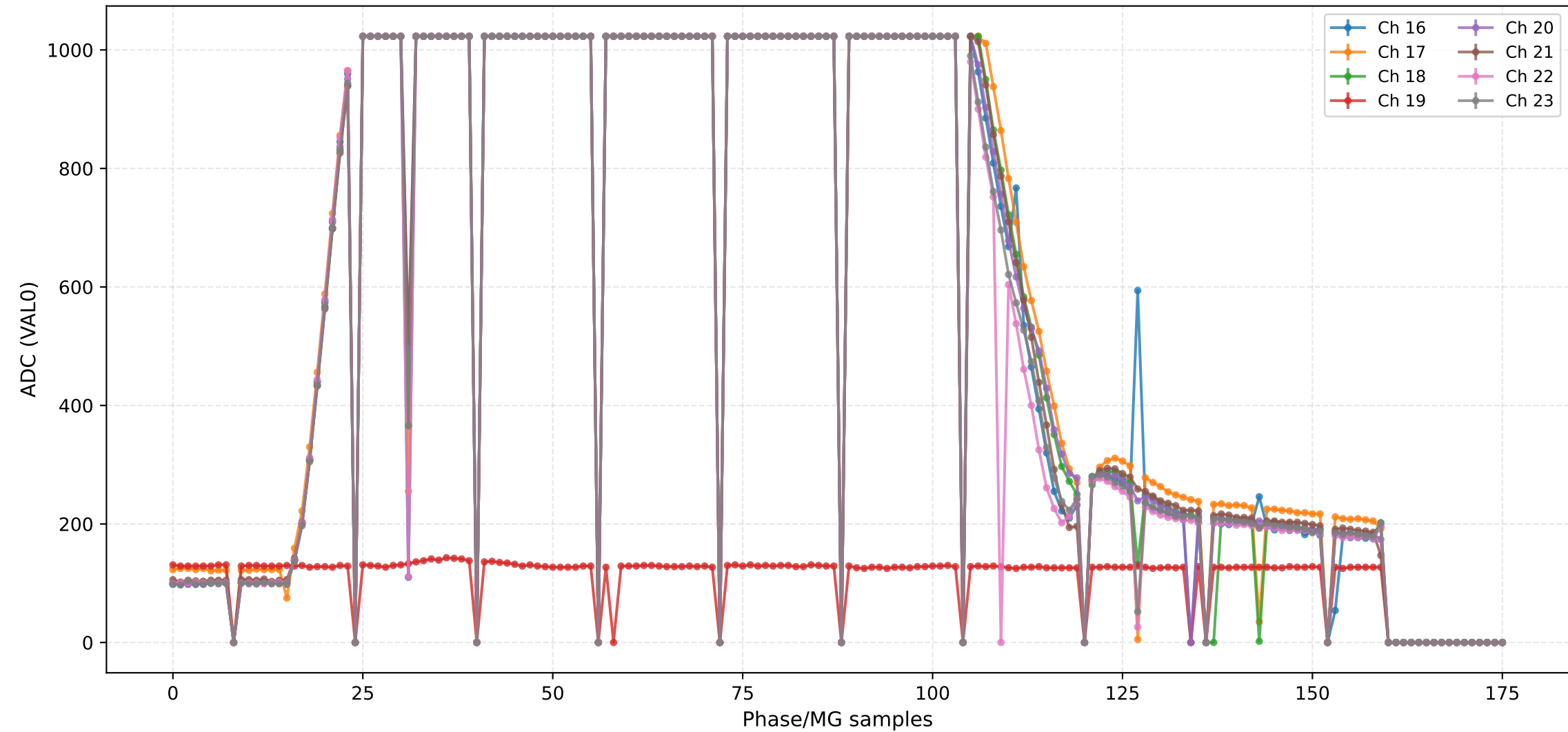
### ADC (VAL0) - Channels 0 to 7



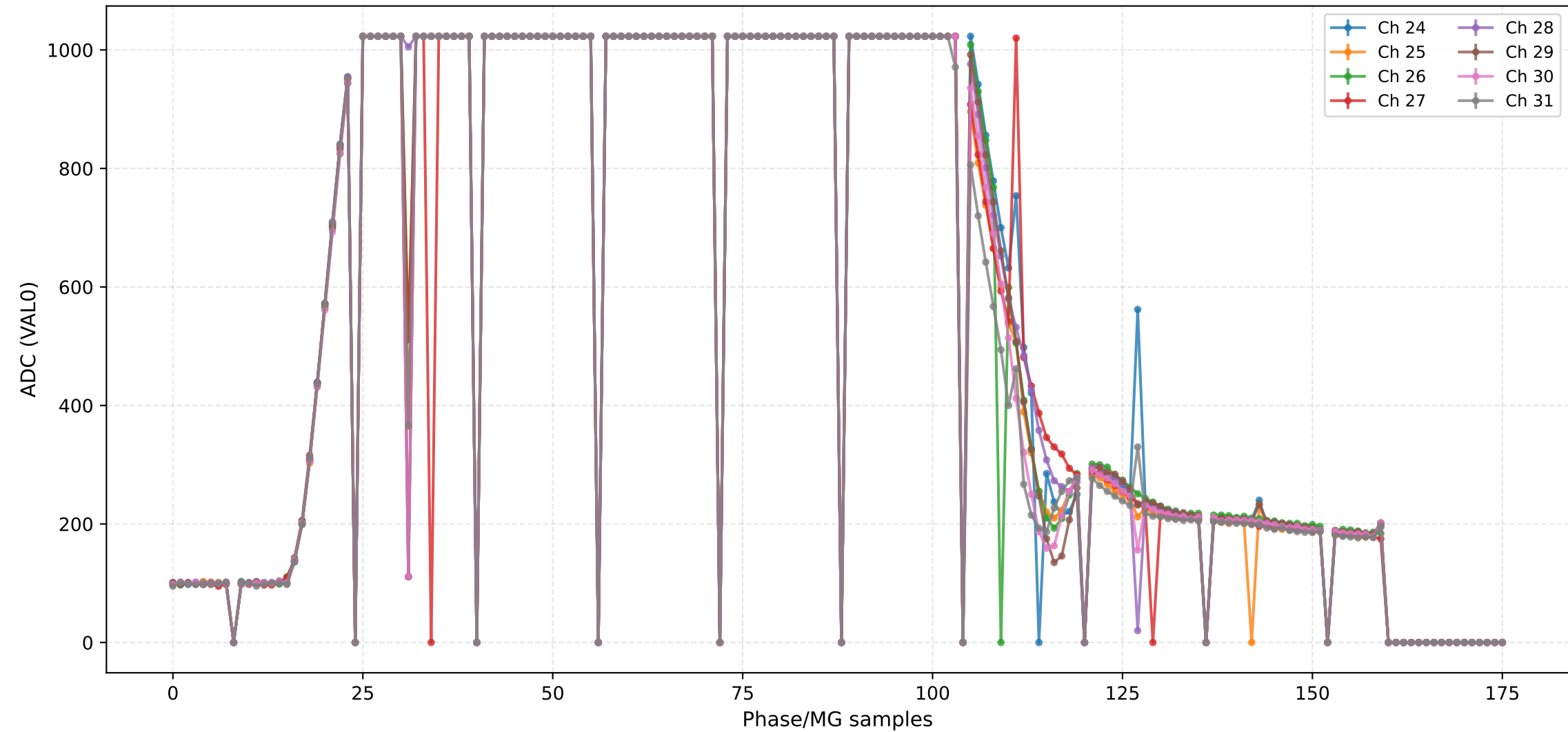
### ADC (VAL0) - Channels 8 to 15



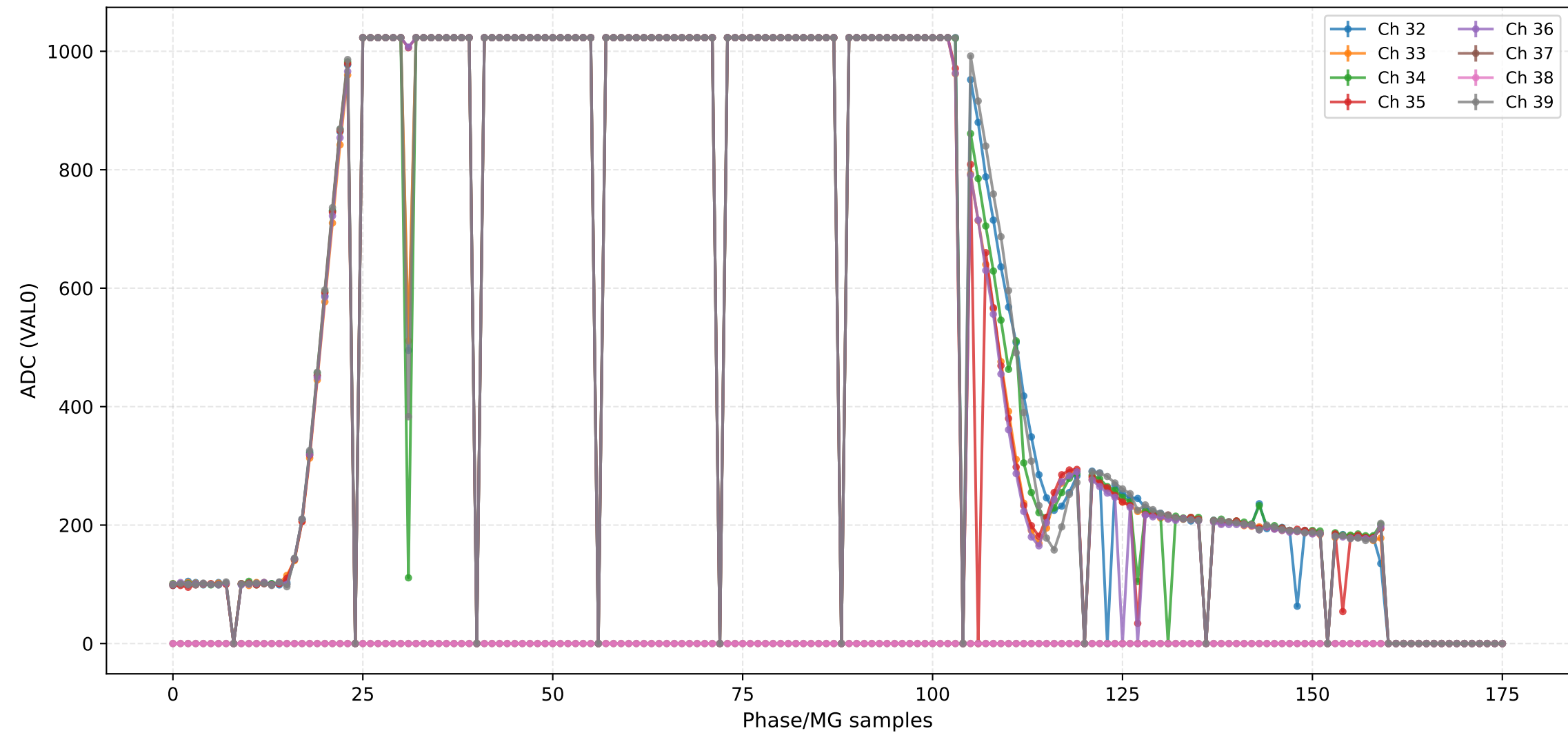
ADC (VAL0) - Channels 16 to 23



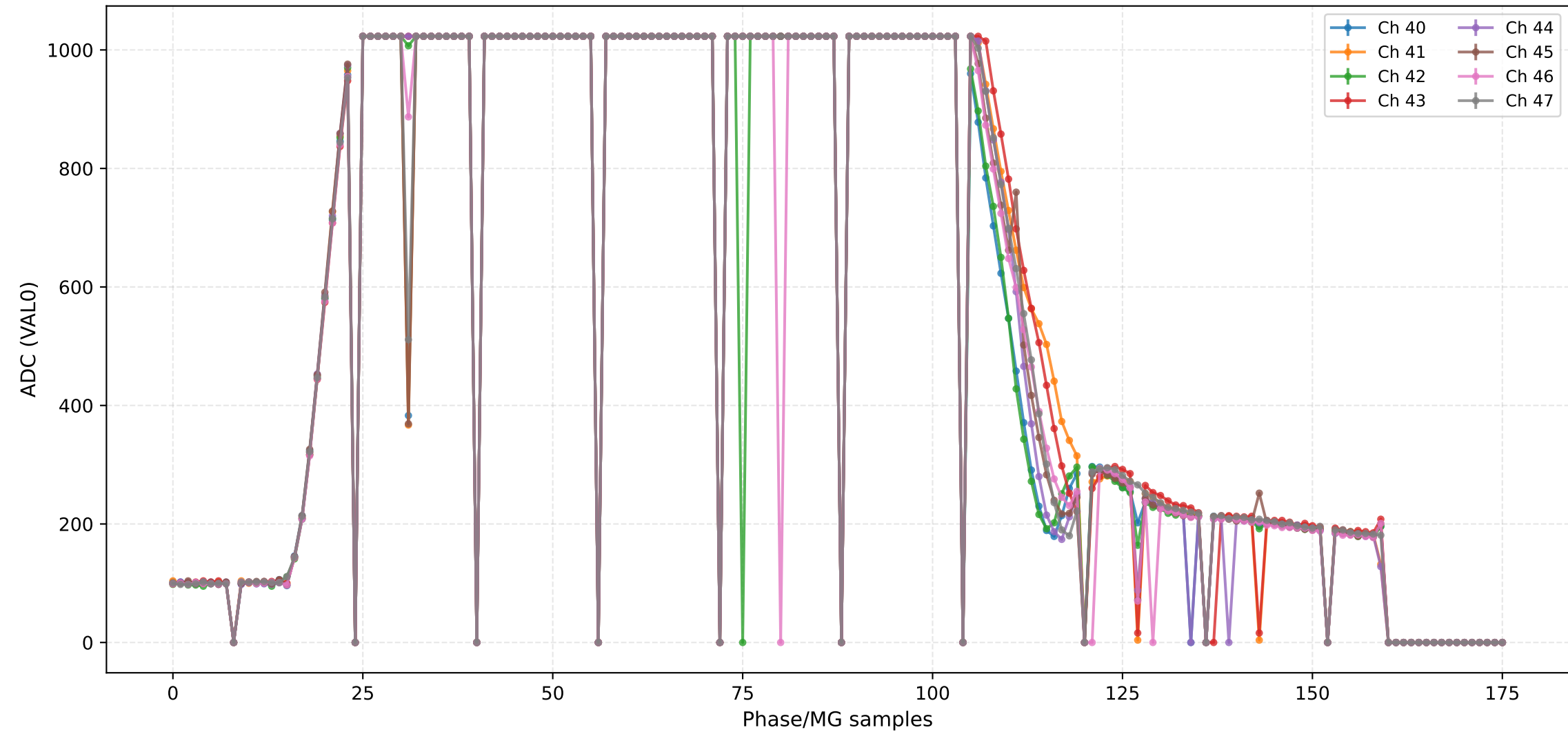
### ADC (VAL0) - Channels 24 to 31



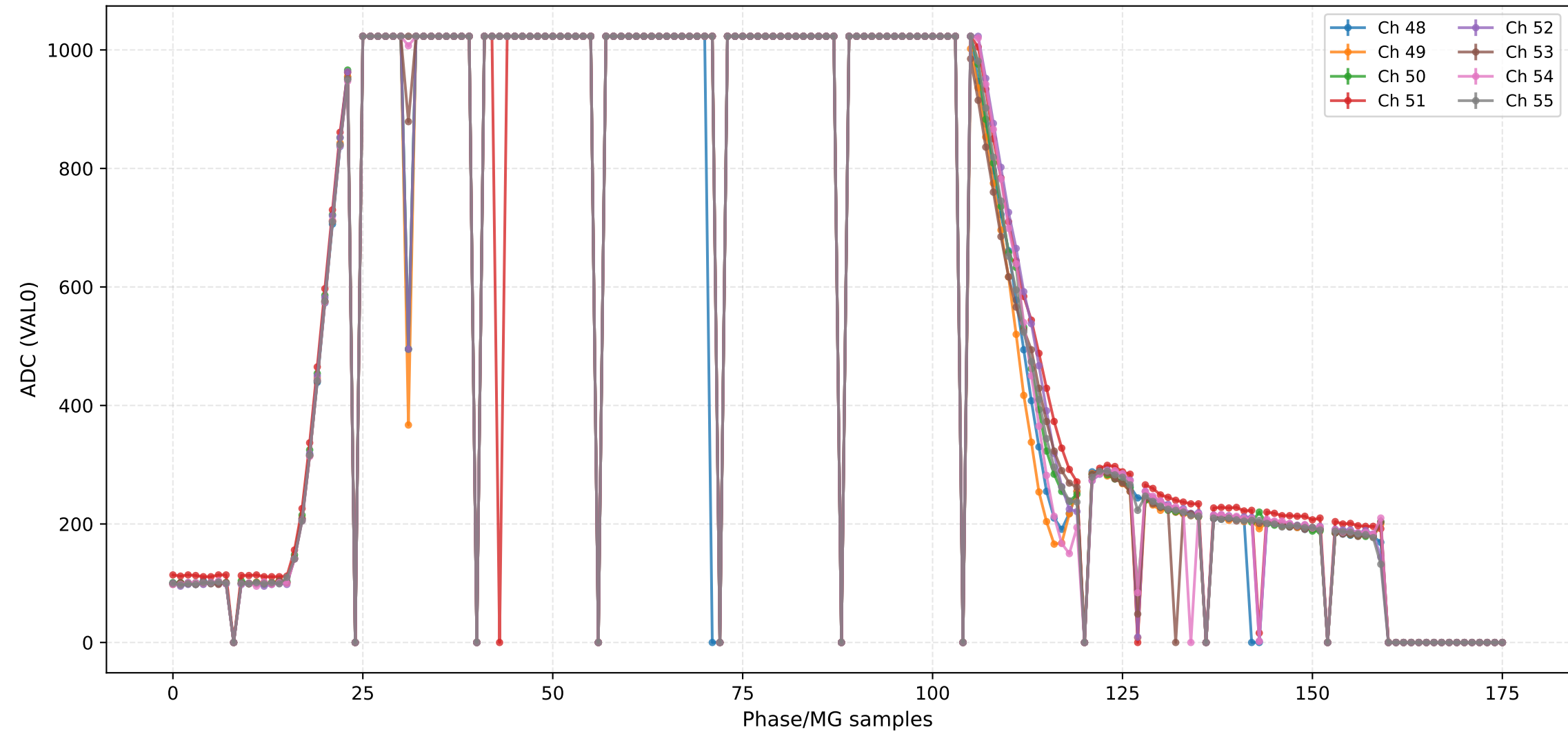
## ADC (VAL0) - Channels 32 to 39



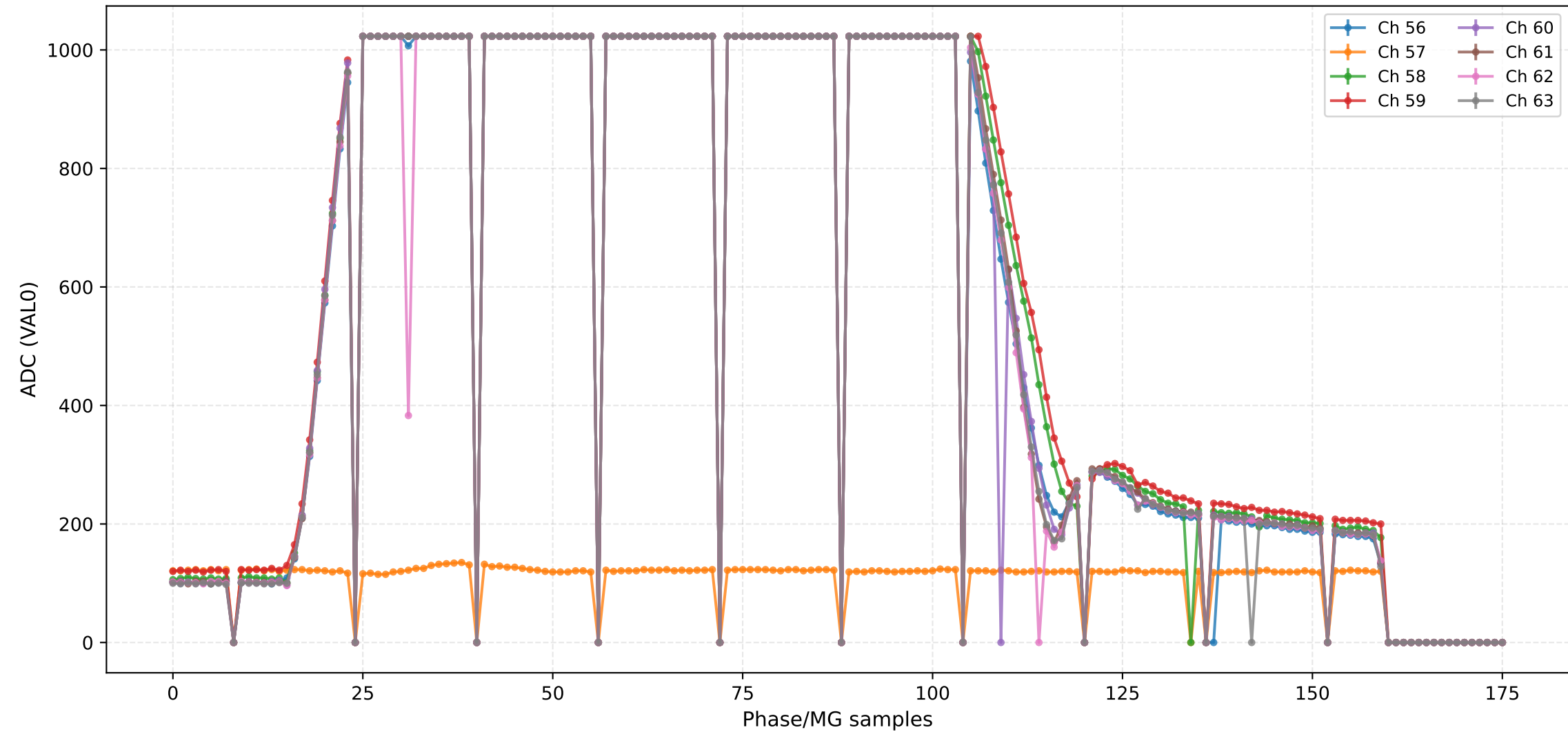
ADC (VAL0) - Channels 40 to 47



## ADC (VAL0) - Channels 48 to 55

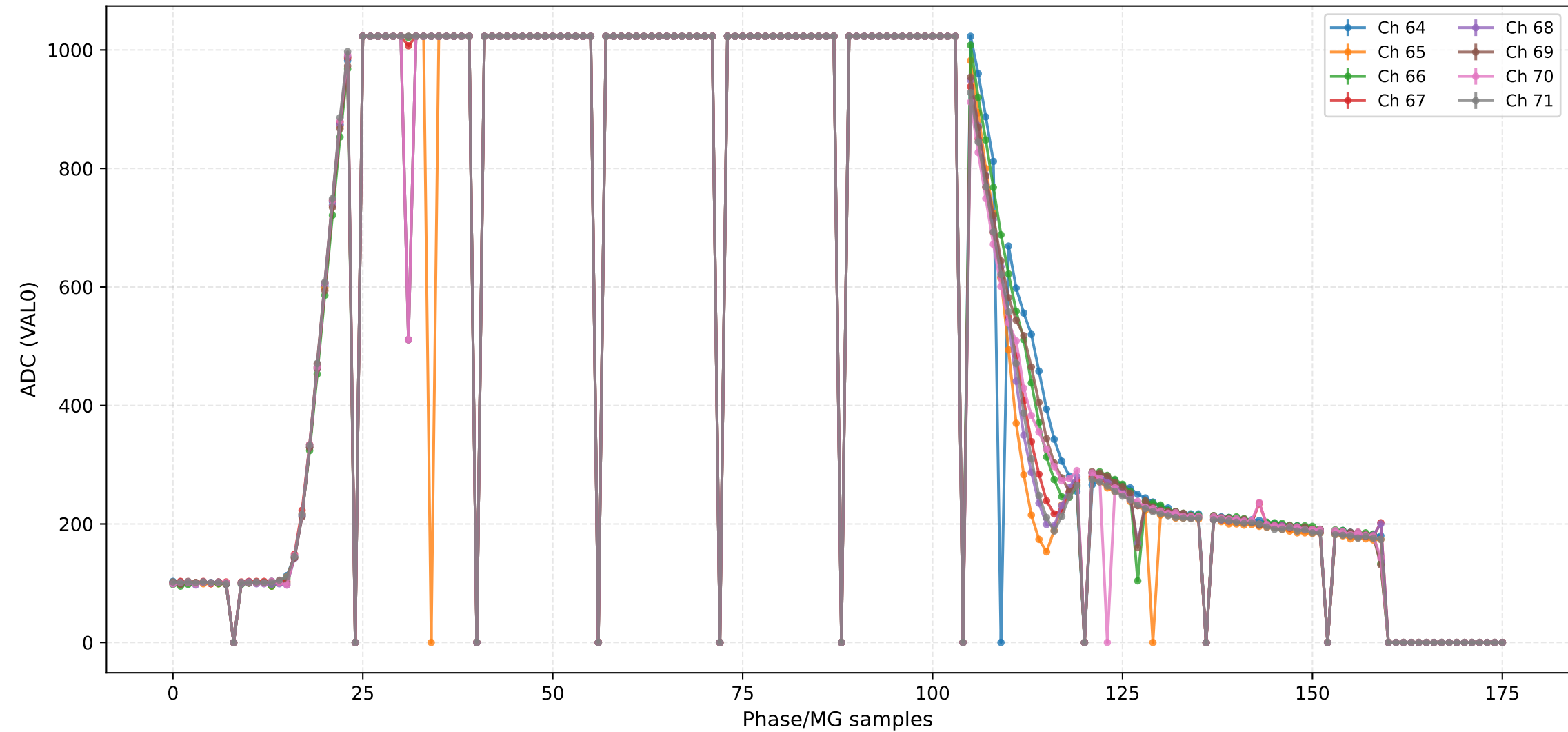


## ADC (VAL0) - Channels 56 to 63

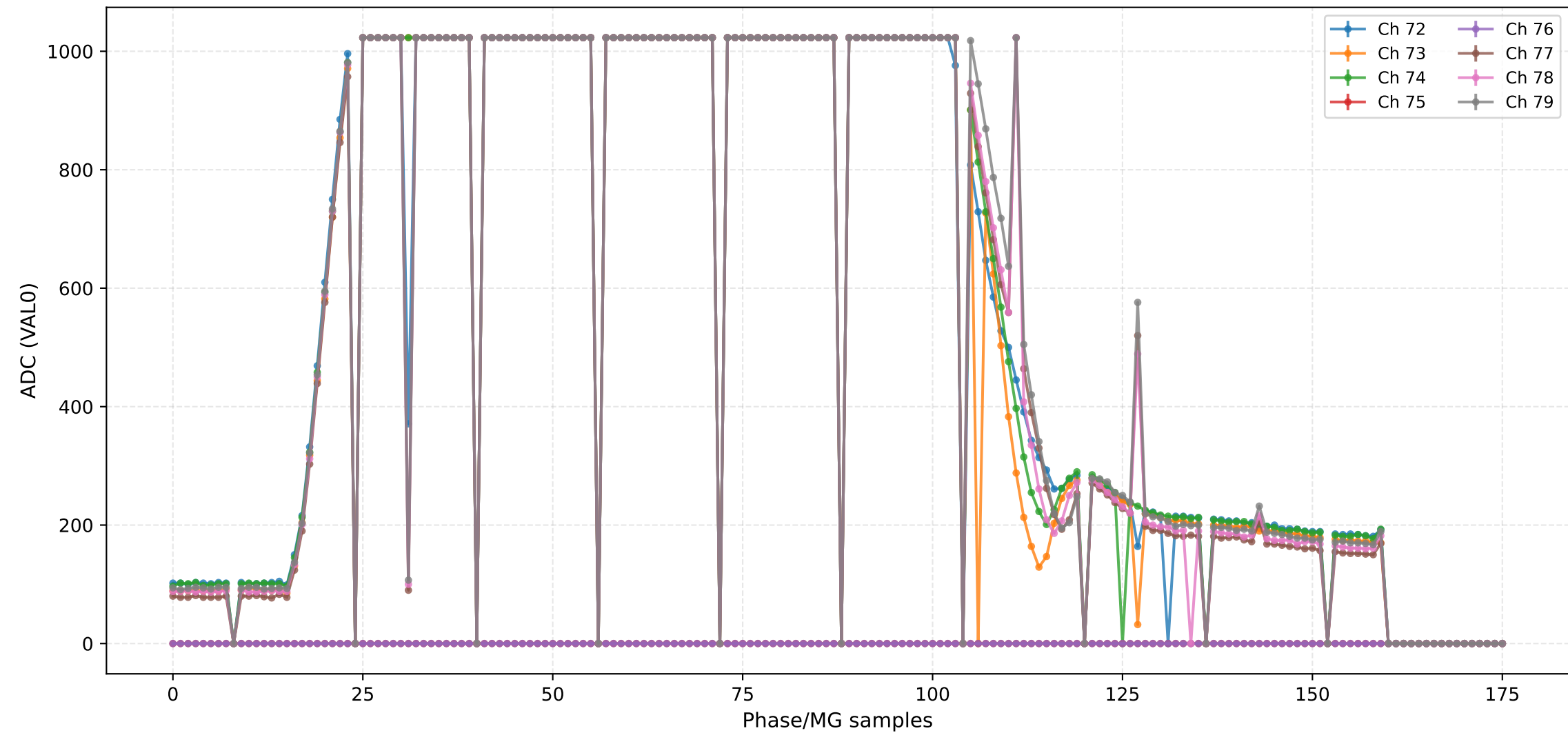




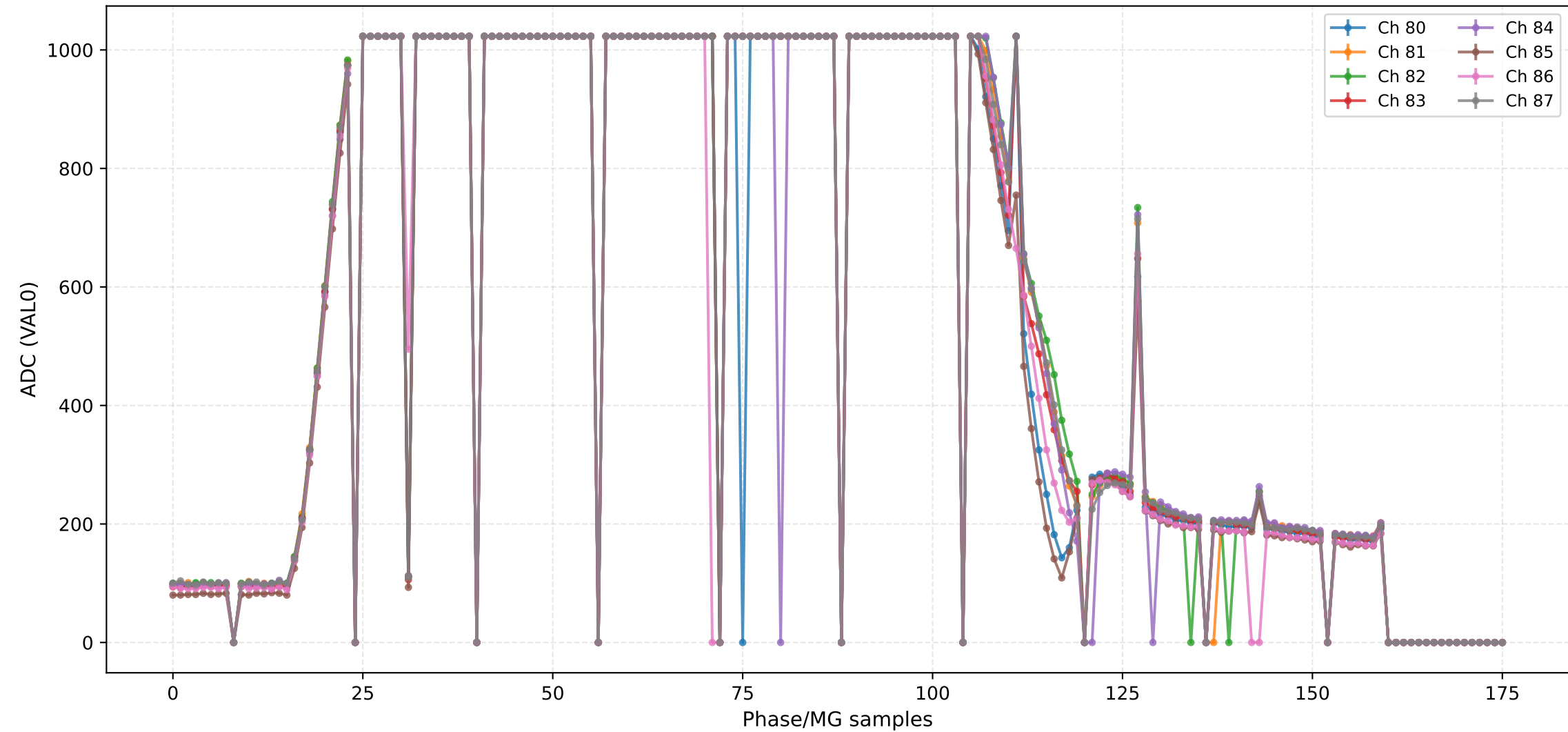
## ADC (VAL0) - Channels 64 to 71



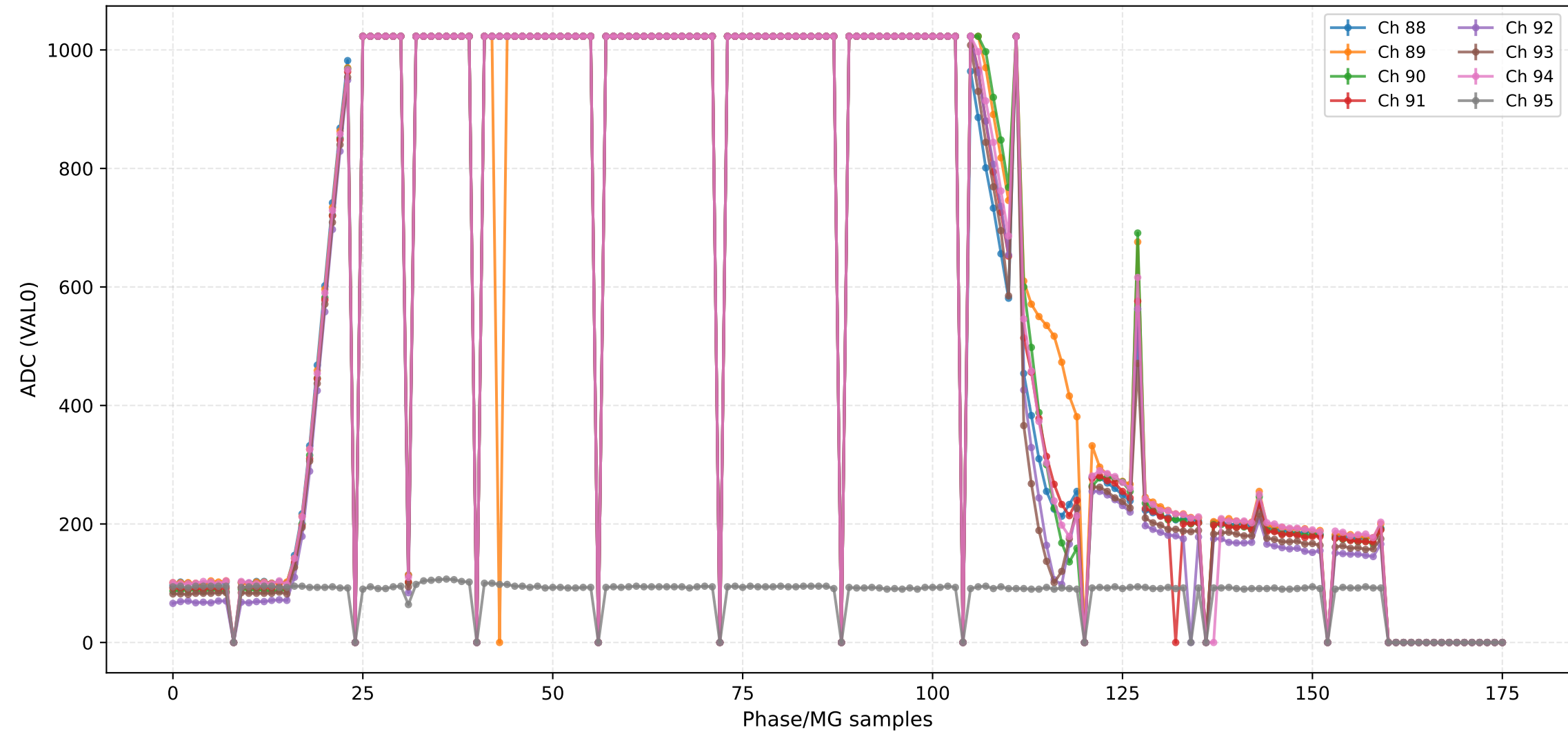
## ADC (VAL0) - Channels 72 to 79



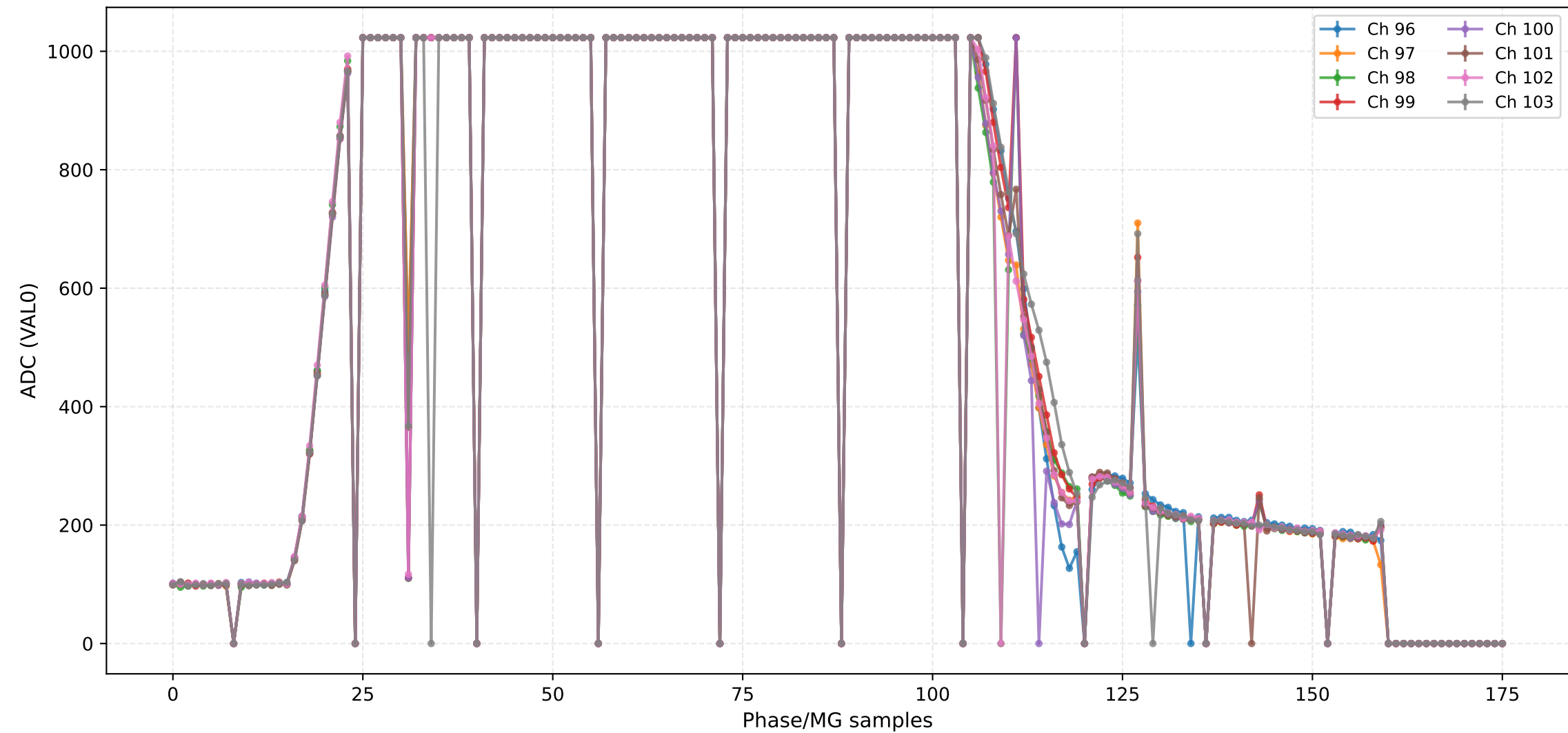
## ADC (VAL0) - Channels 80 to 87



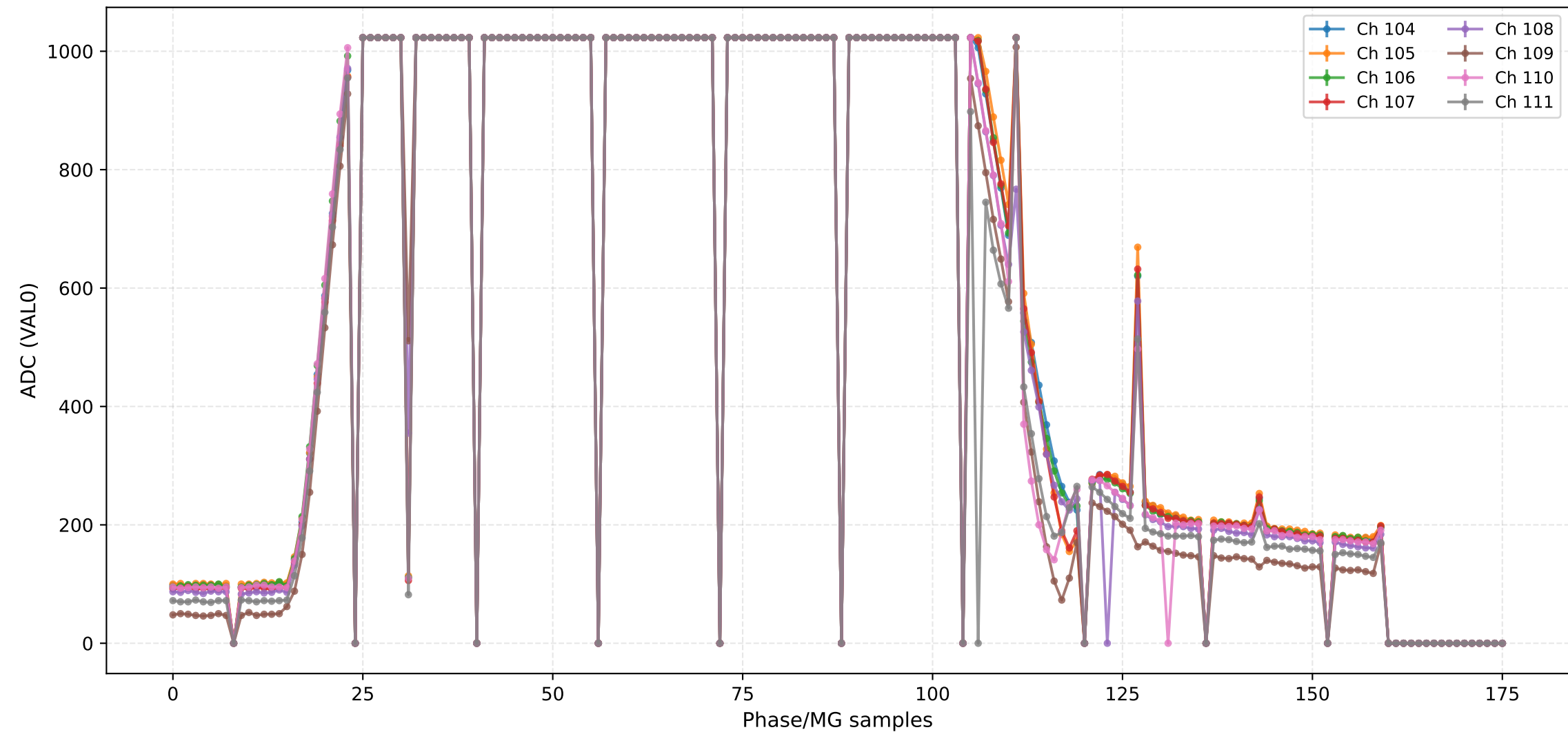
## ADC (VAL0) - Channels 88 to 95



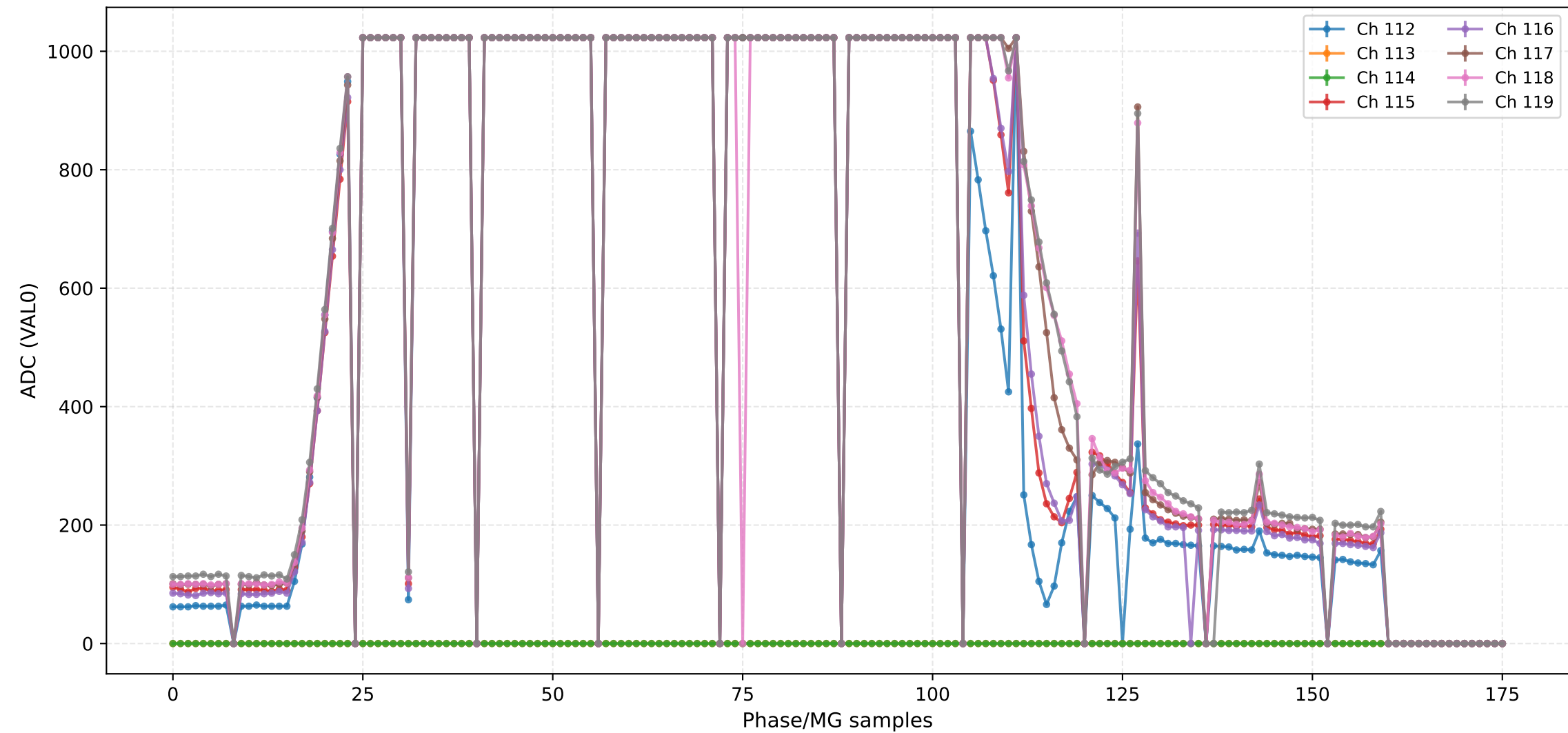
### ADC (VAL0) - Channels 96 to 103



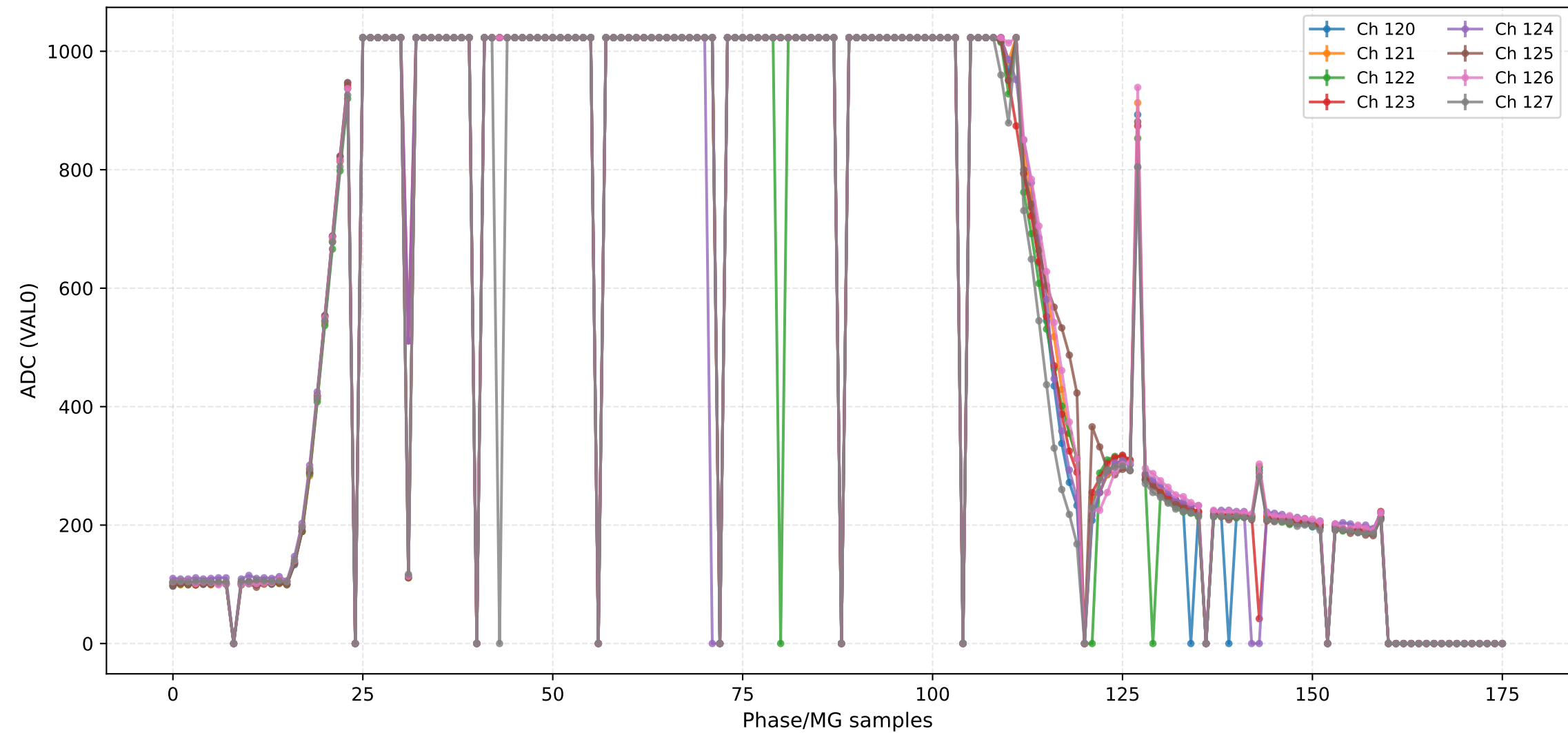
ADC (VAL0) - Channels 104 to 111



## ADC (VAL0) - Channels 112 to 119

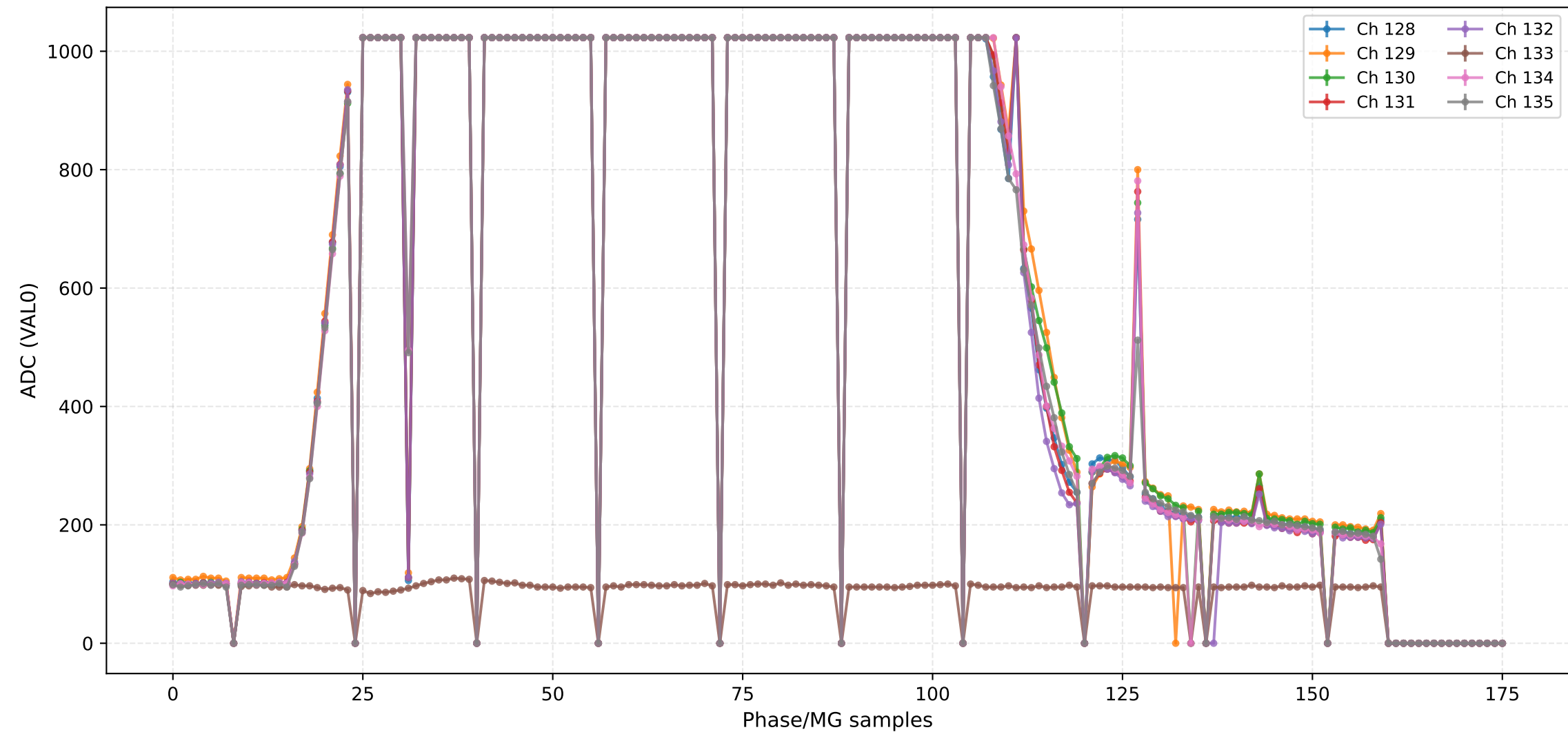


## ADC (VAL0) - Channels 120 to 127

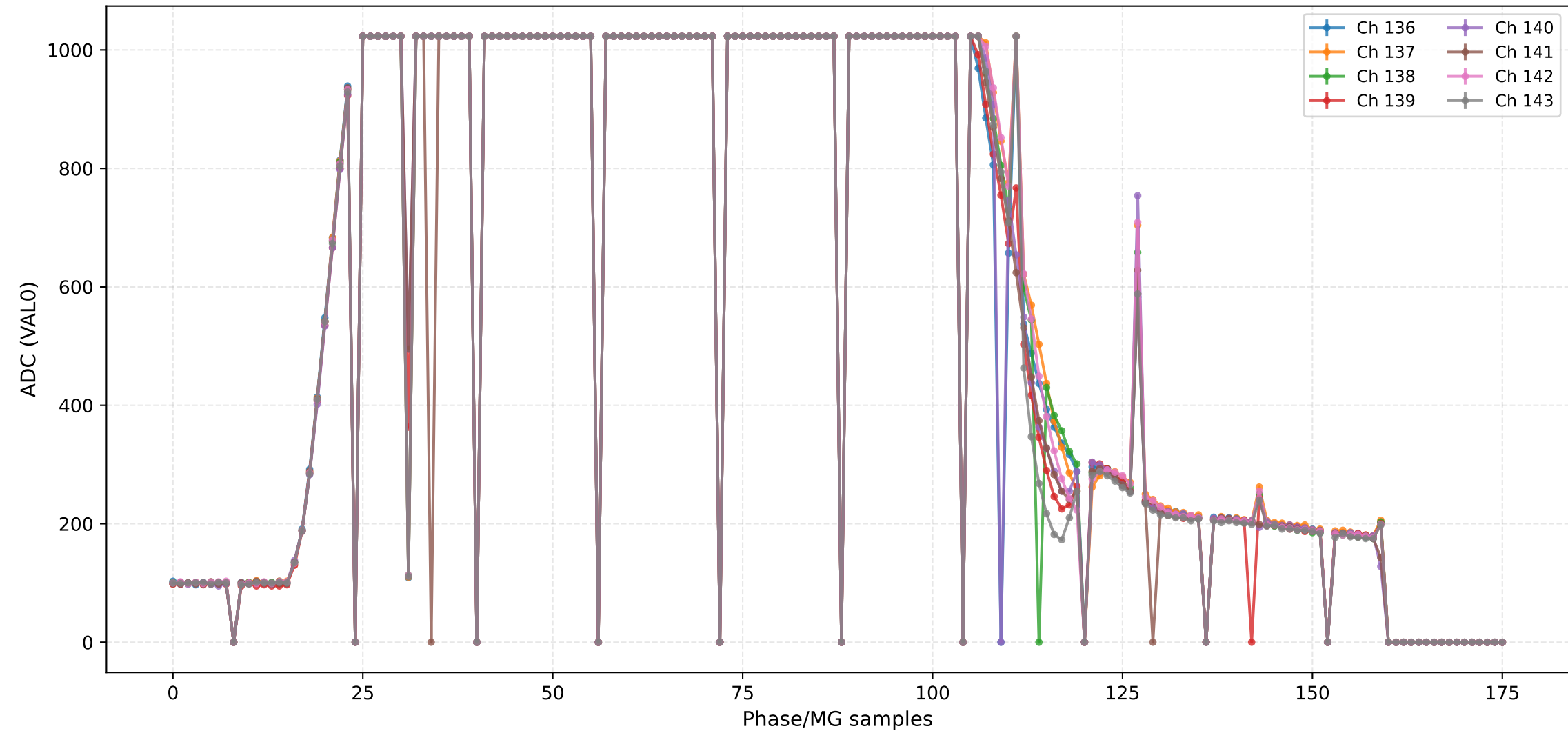




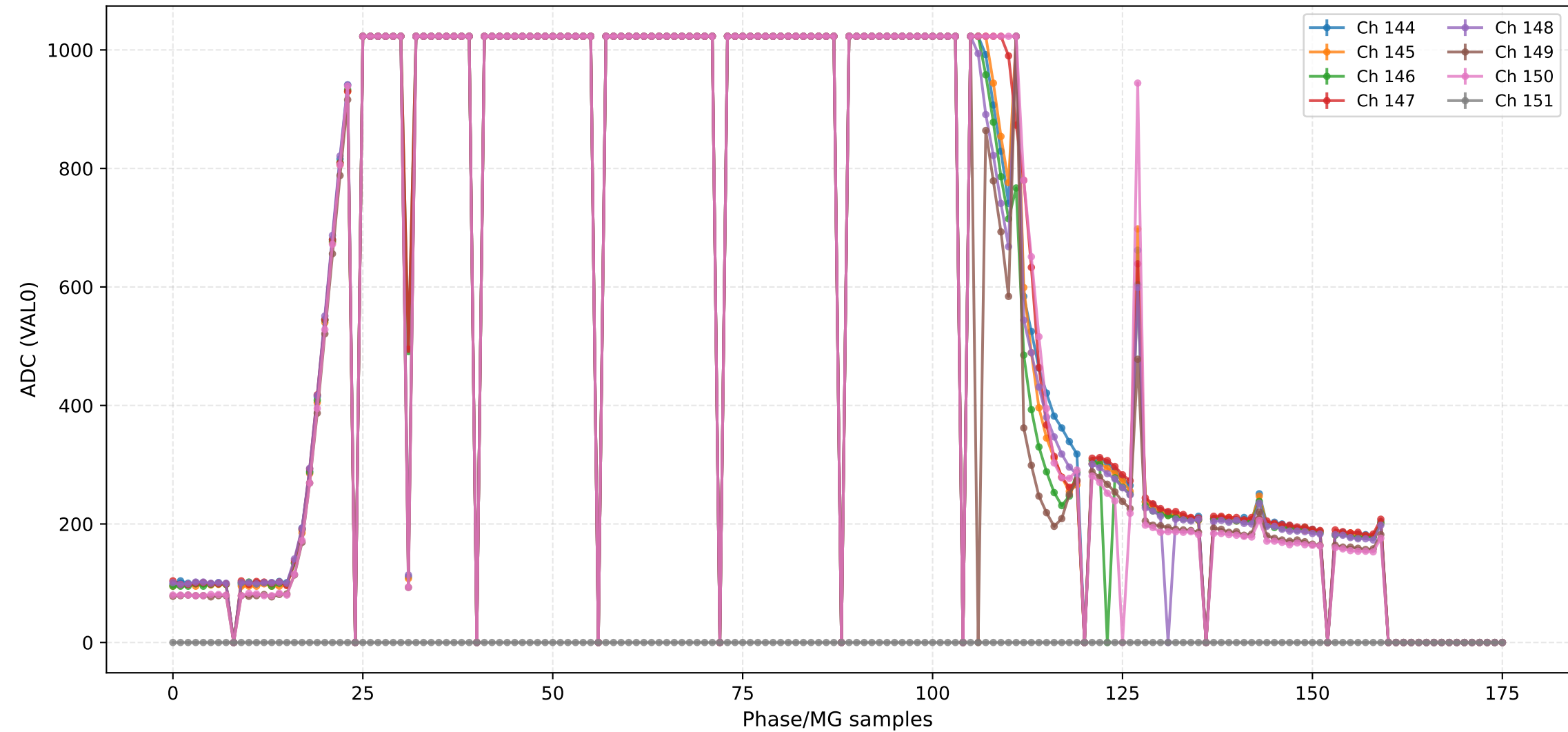
### ADC (VAL0) - Channels 128 to 135



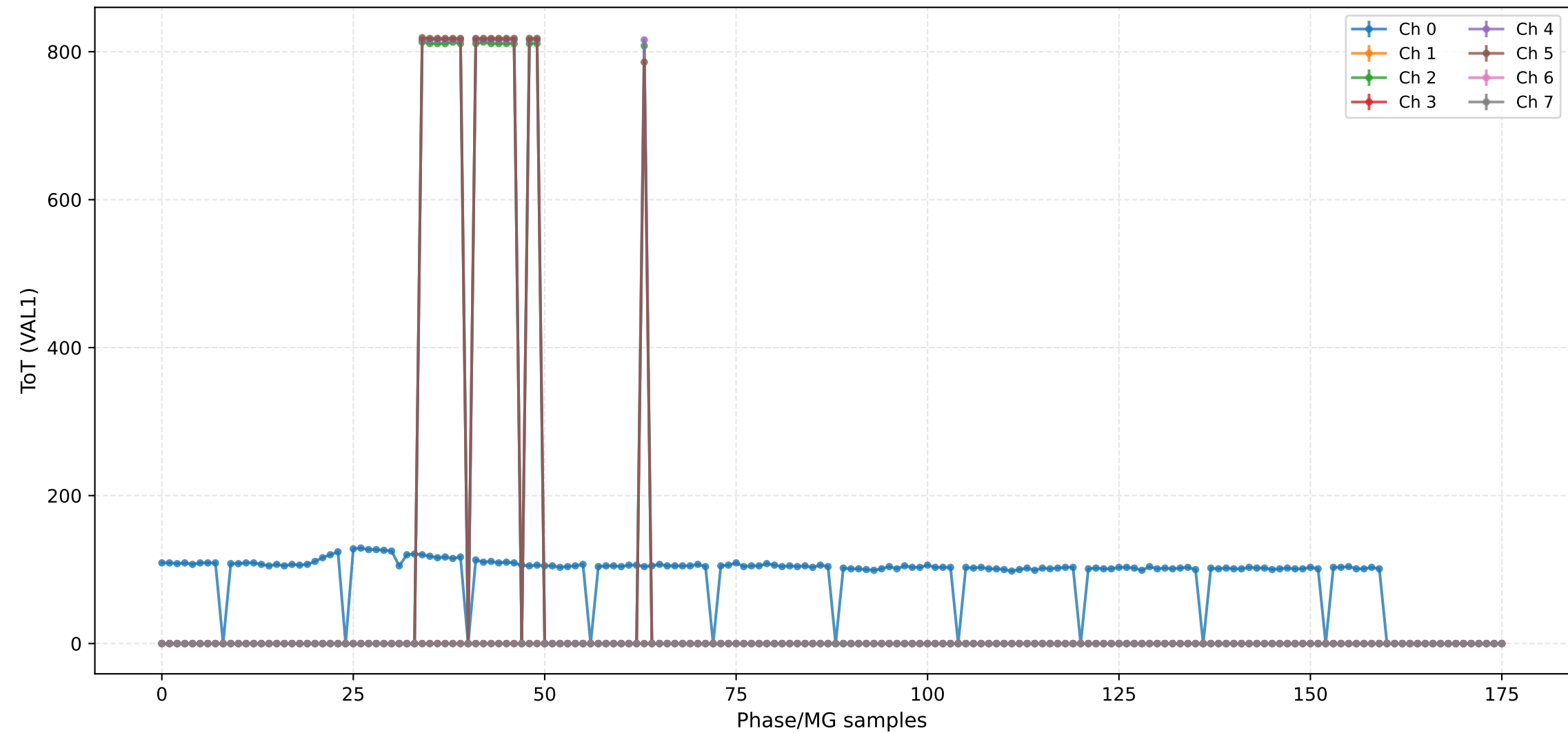
### ADC (VAL0) - Channels 136 to 143



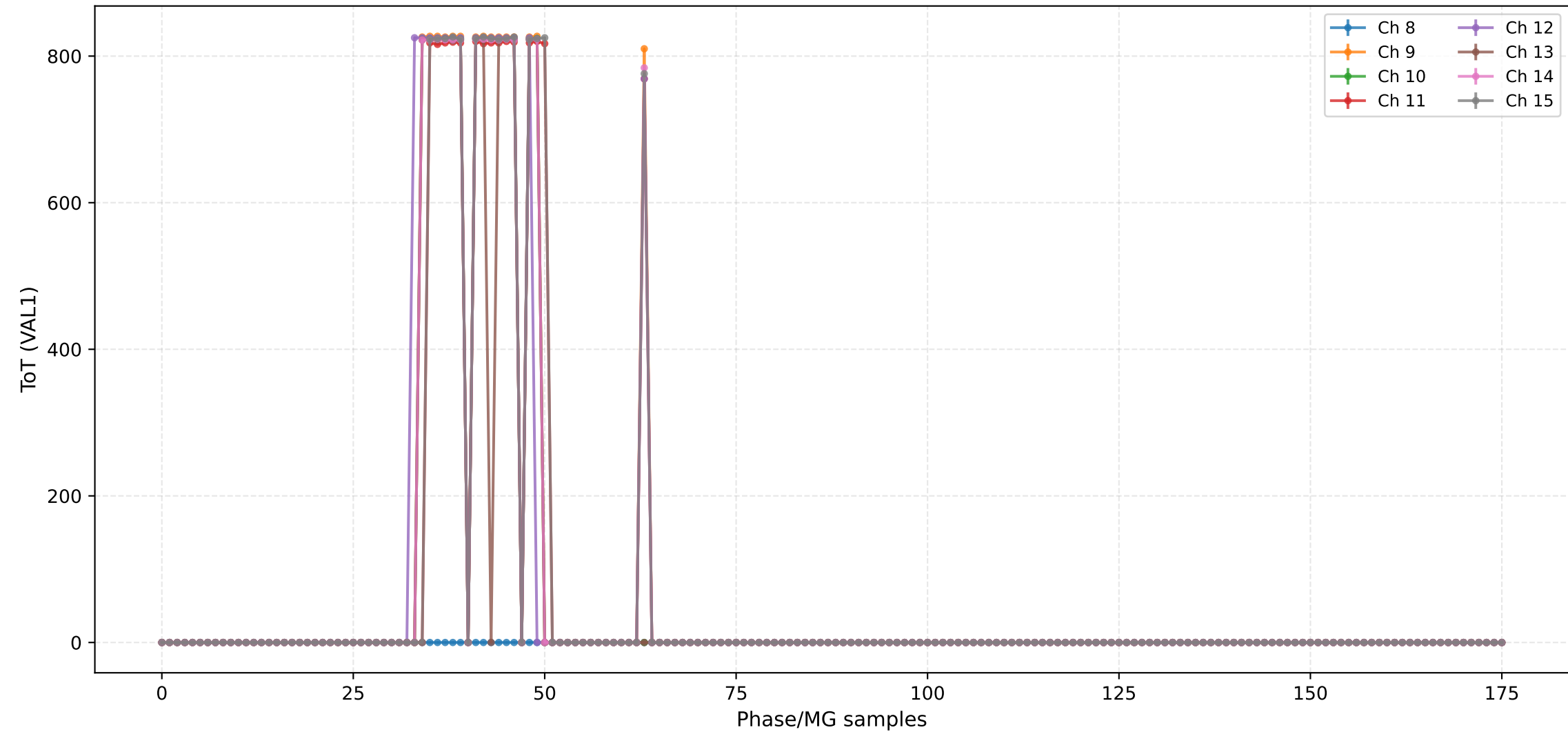
ADC (VAL0) - Channels 144 to 151



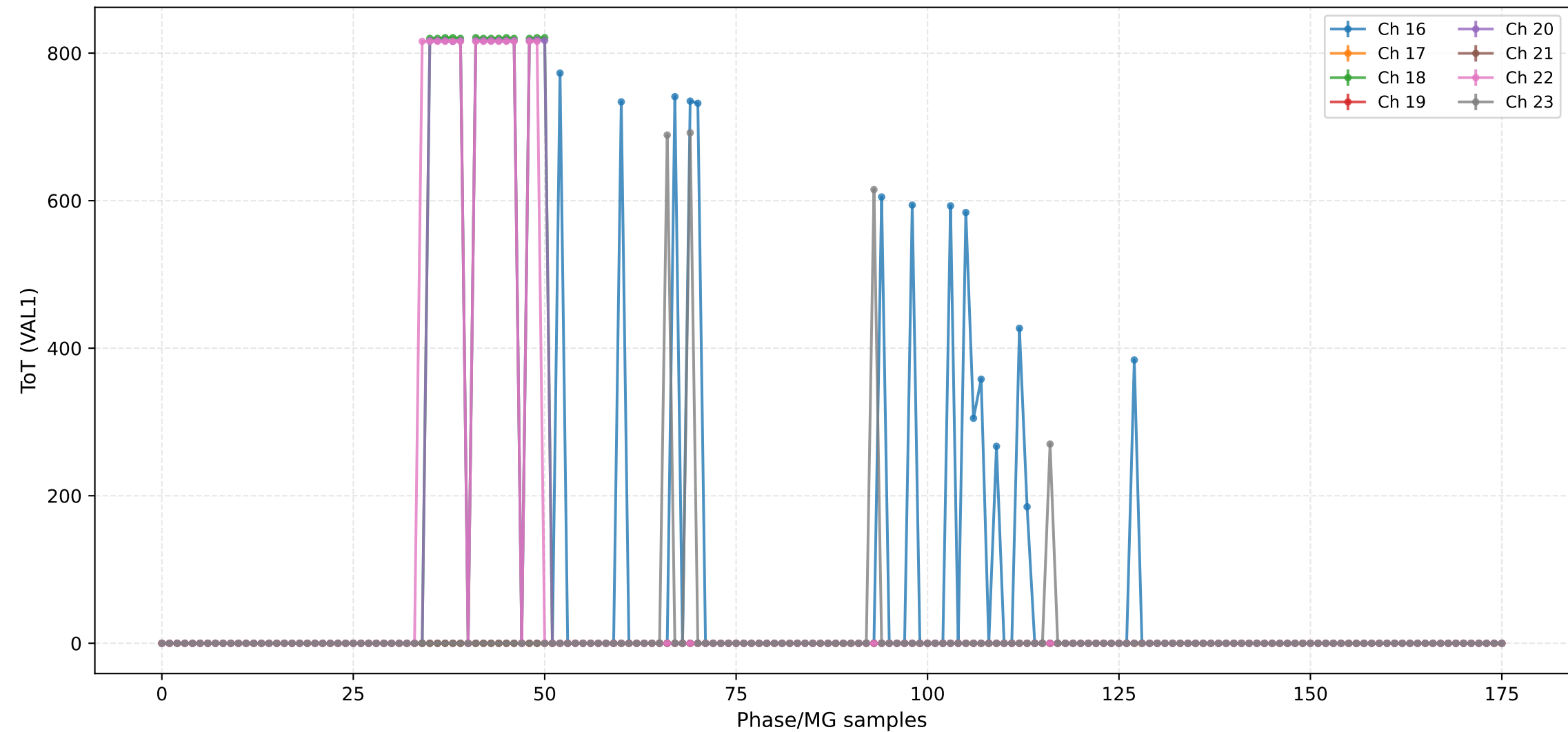
## ToT (VAL1) - Channels 0 to 7



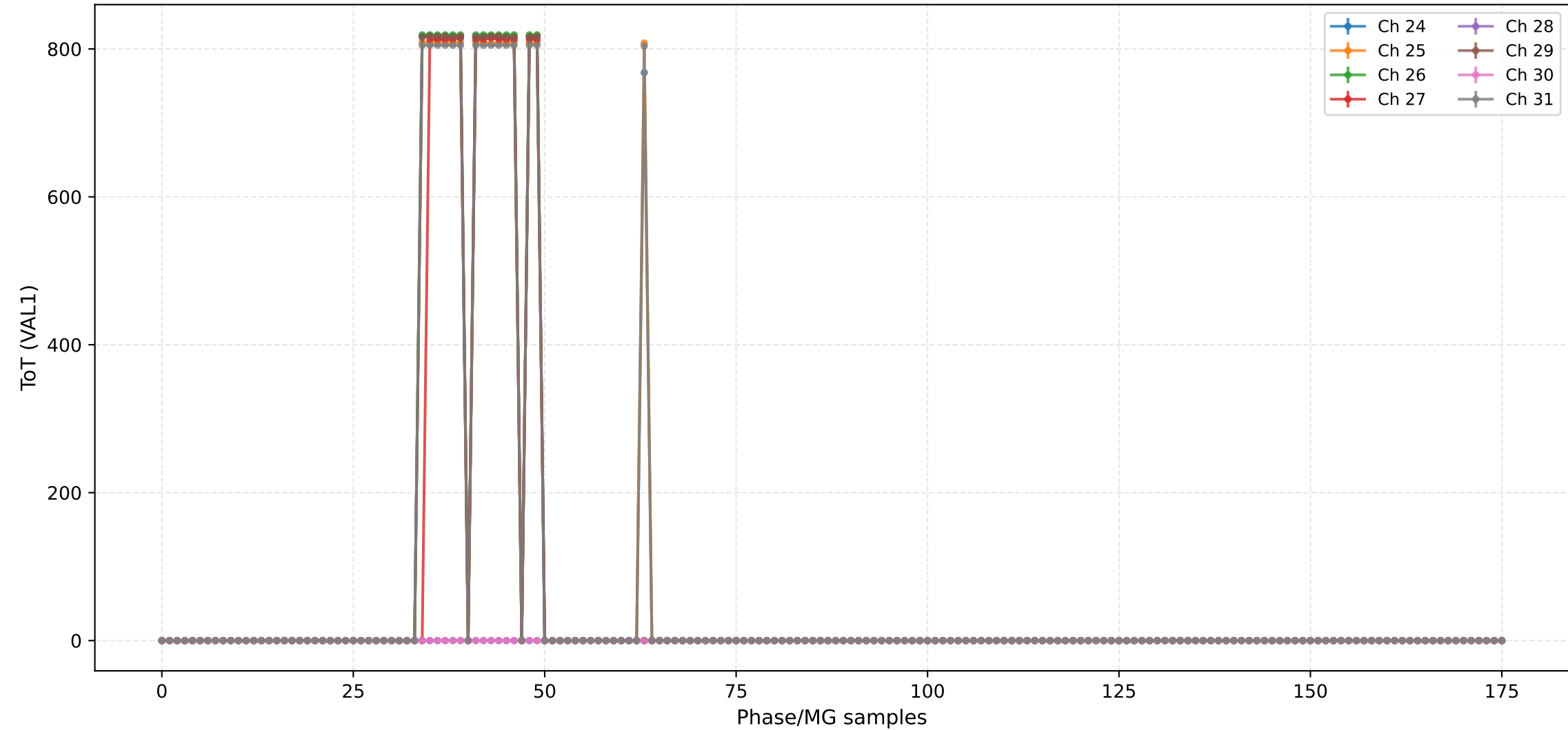
## ToT (VAL1) - Channels 8 to 15



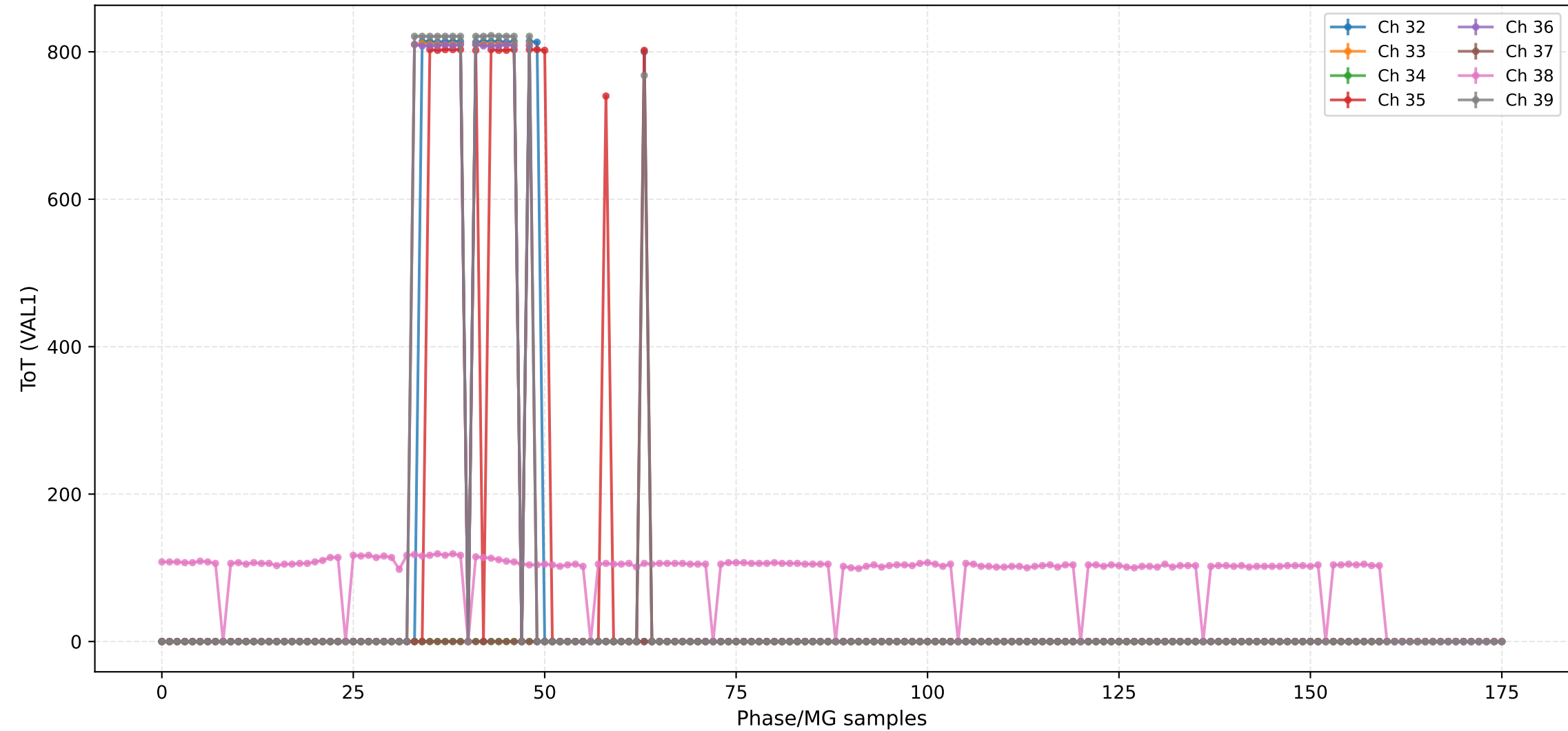
ToT (VAL1) - Channels 16 to 23



ToT (VAL1) - Channels 24 to 31

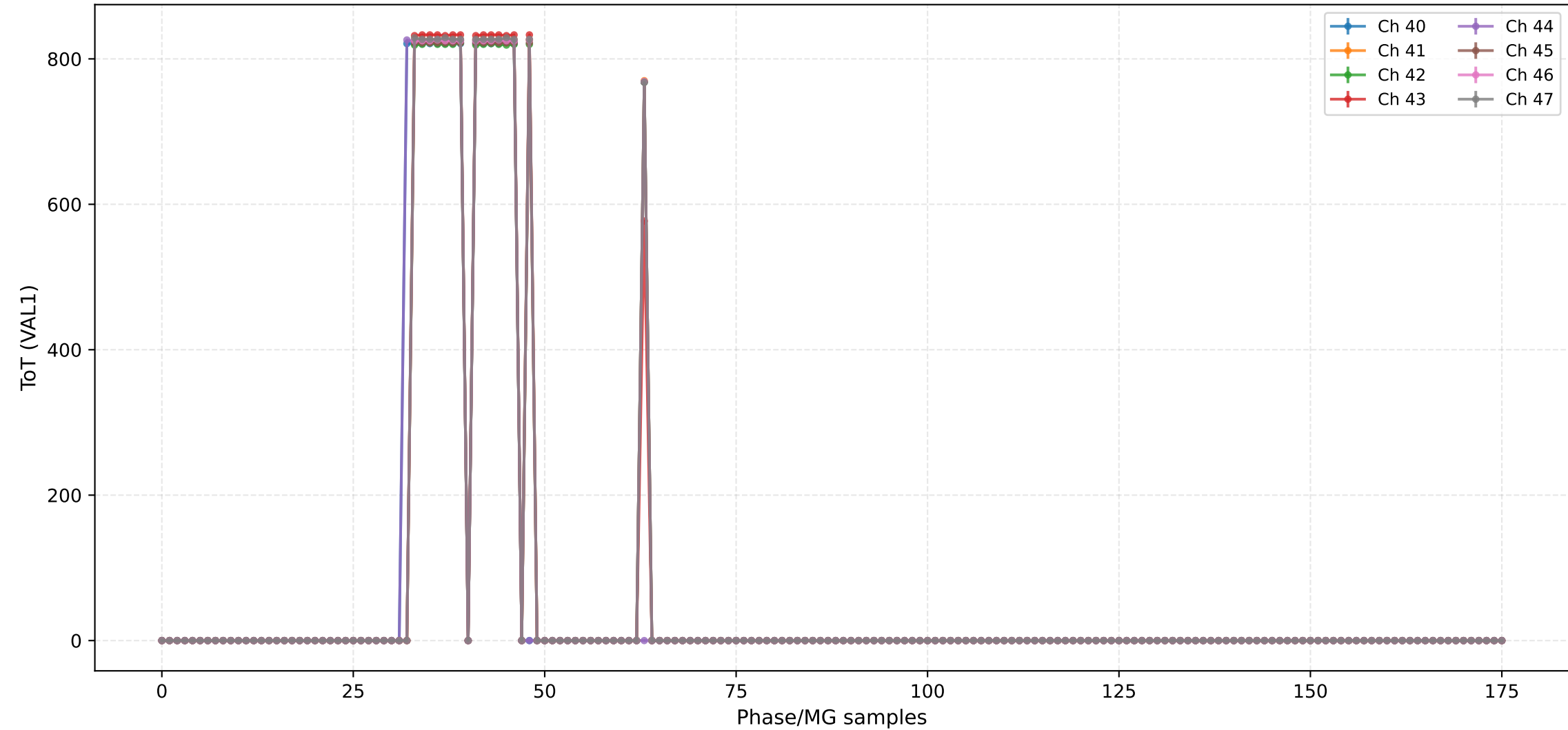


ToT (VAL1) - Channels 32 to 39

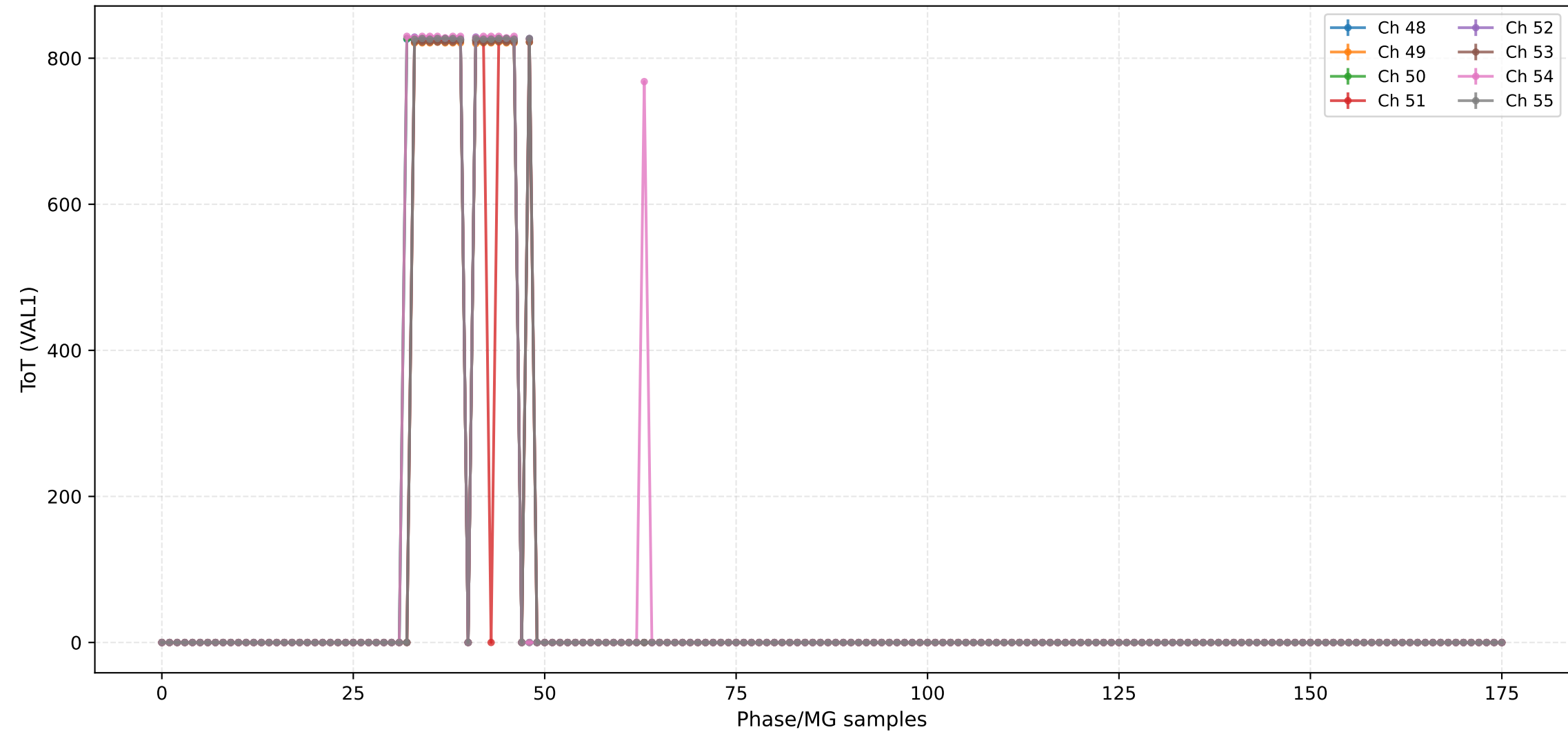




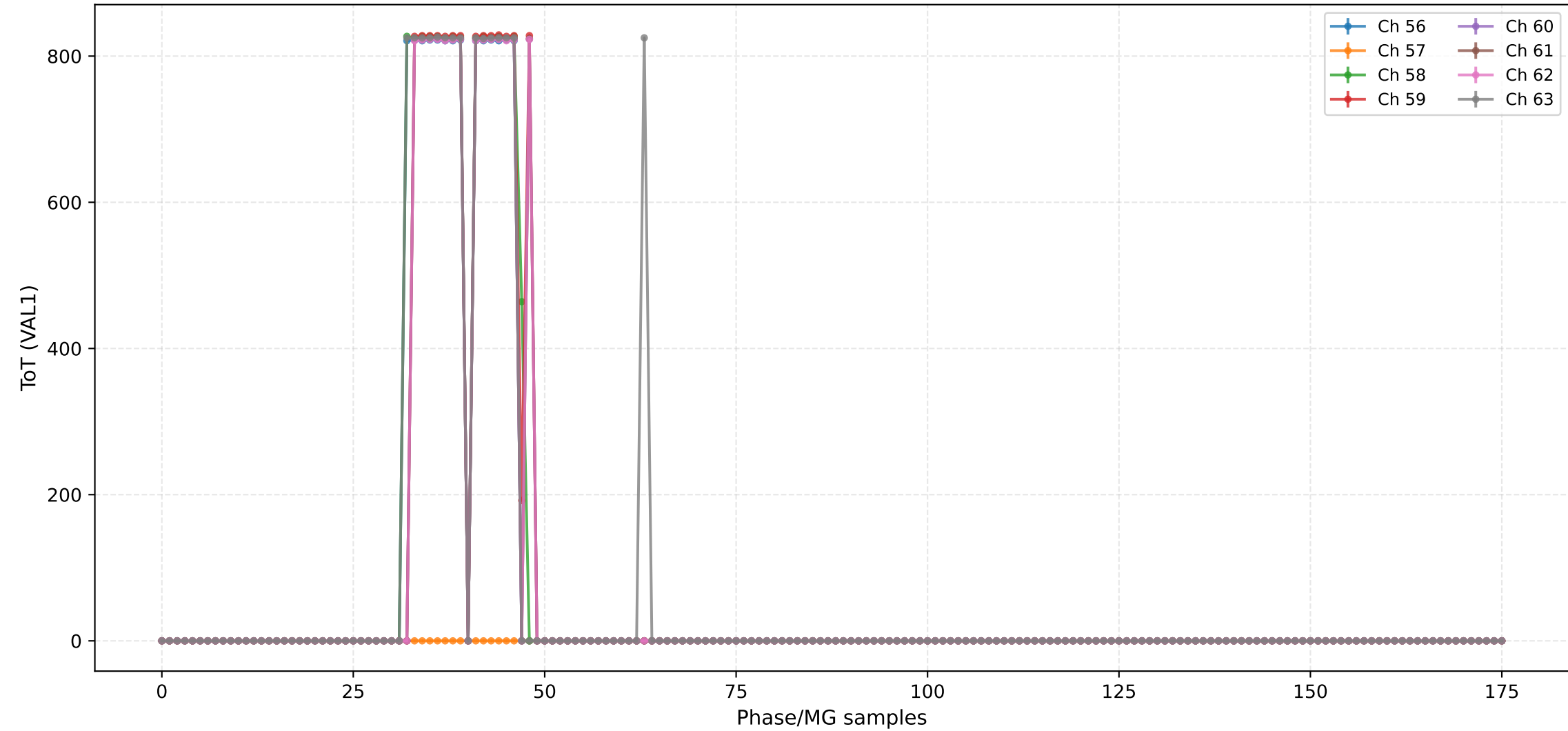
ToT (VAL1) - Channels 40 to 47



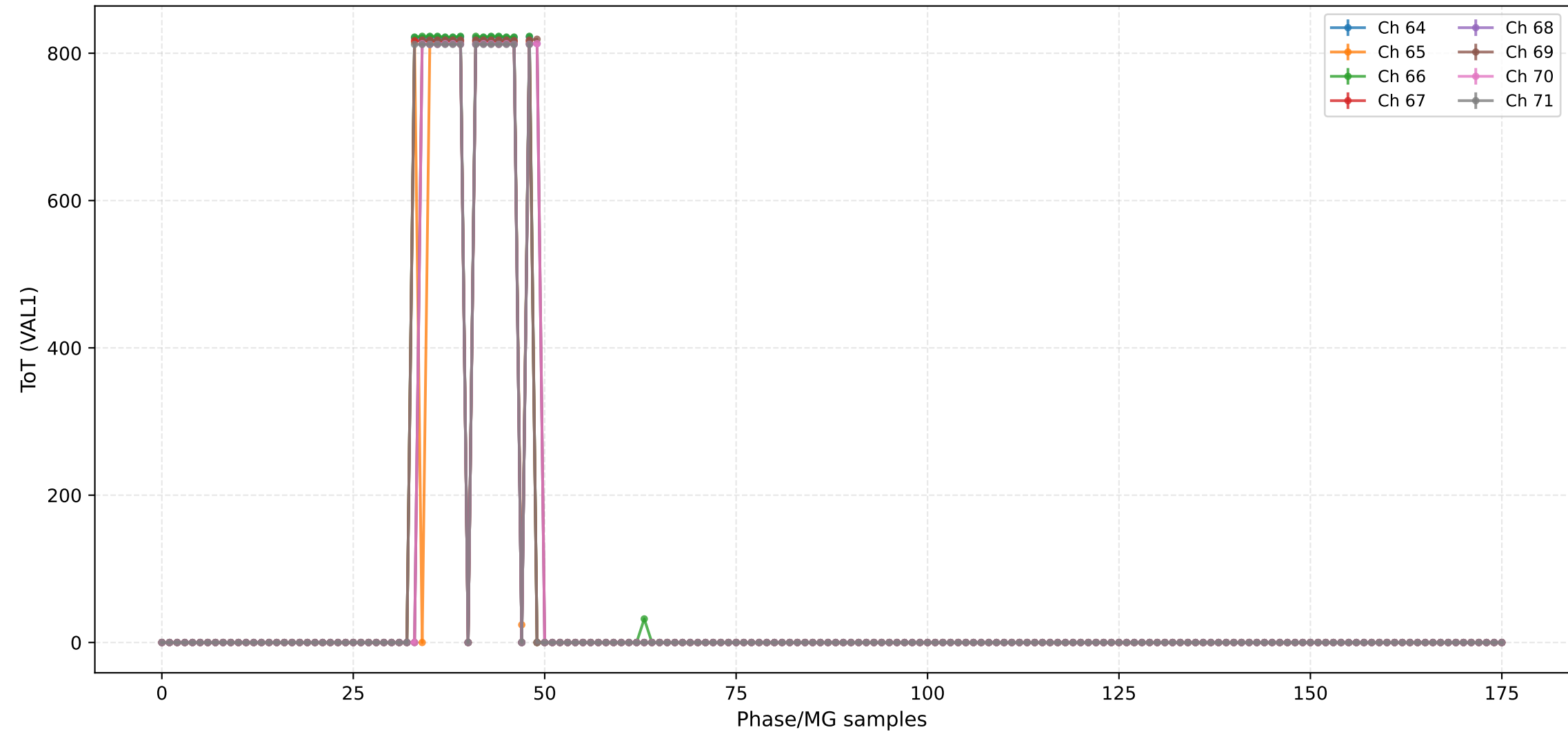
ToT (VAL1) - Channels 48 to 55



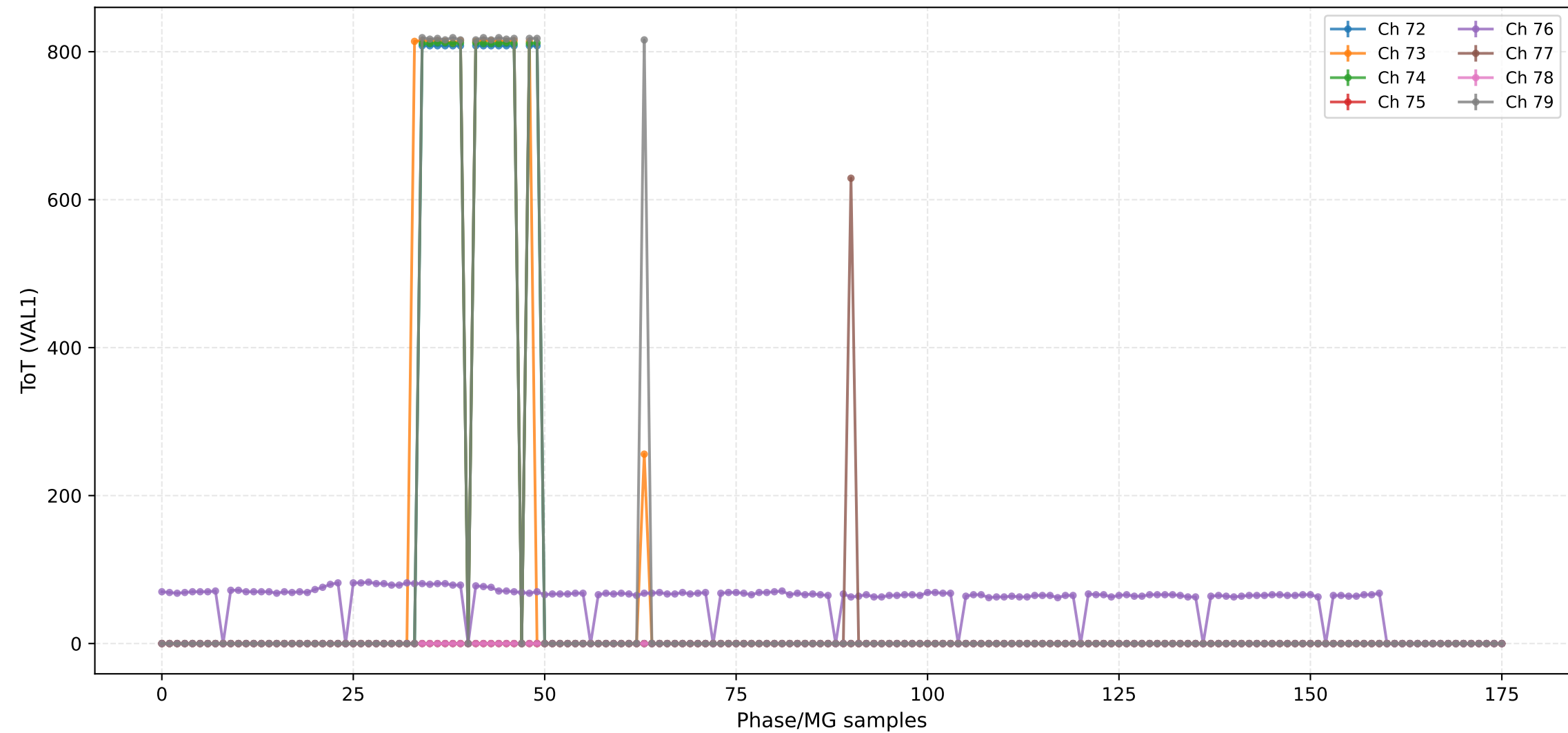
ToT (VAL1) - Channels 56 to 63



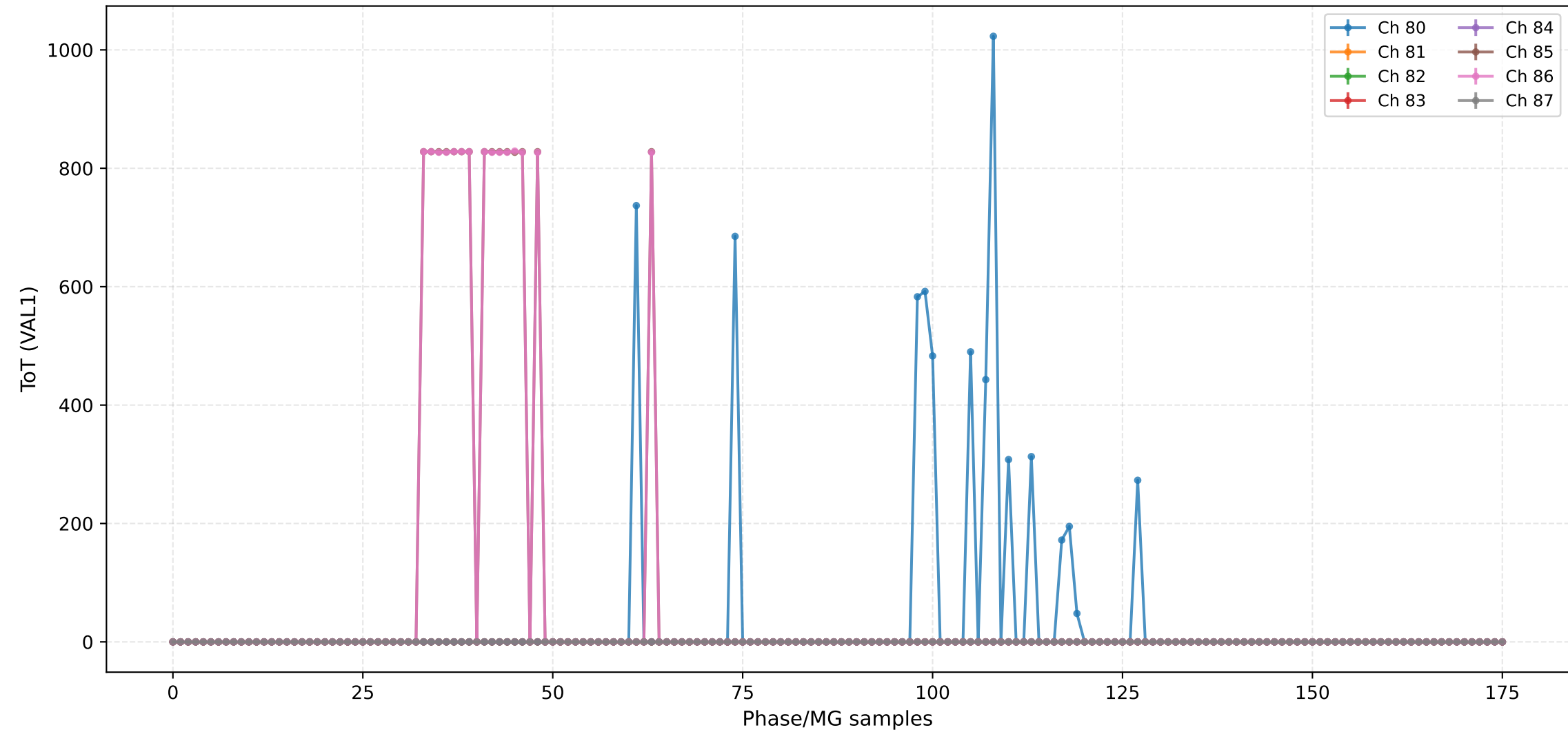
ToT (VAL1) - Channels 64 to 71



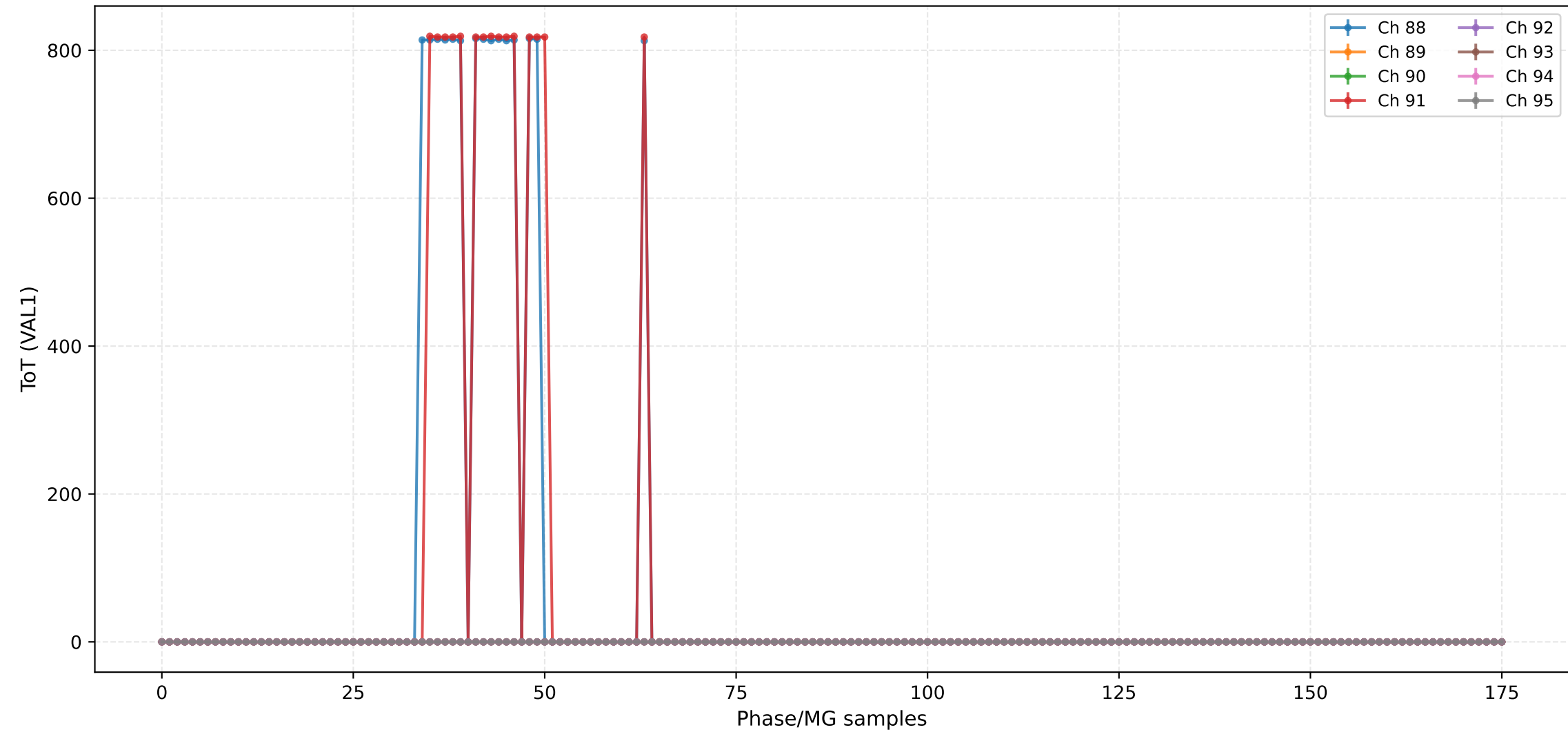
ToT (VAL1) - Channels 72 to 79



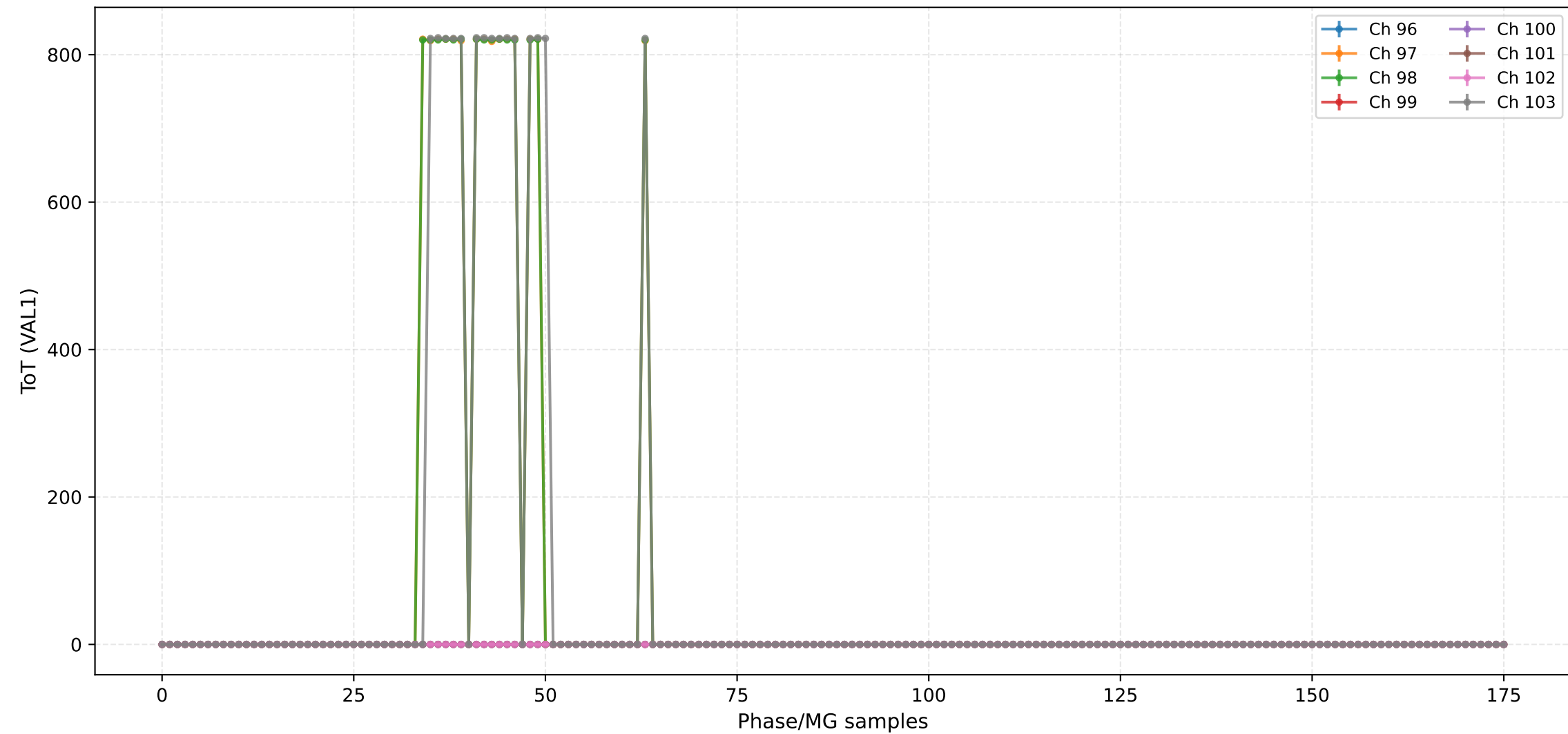
## ToT (VAL1) - Channels 80 to 87



ToT (VAL1) - Channels 88 to 95

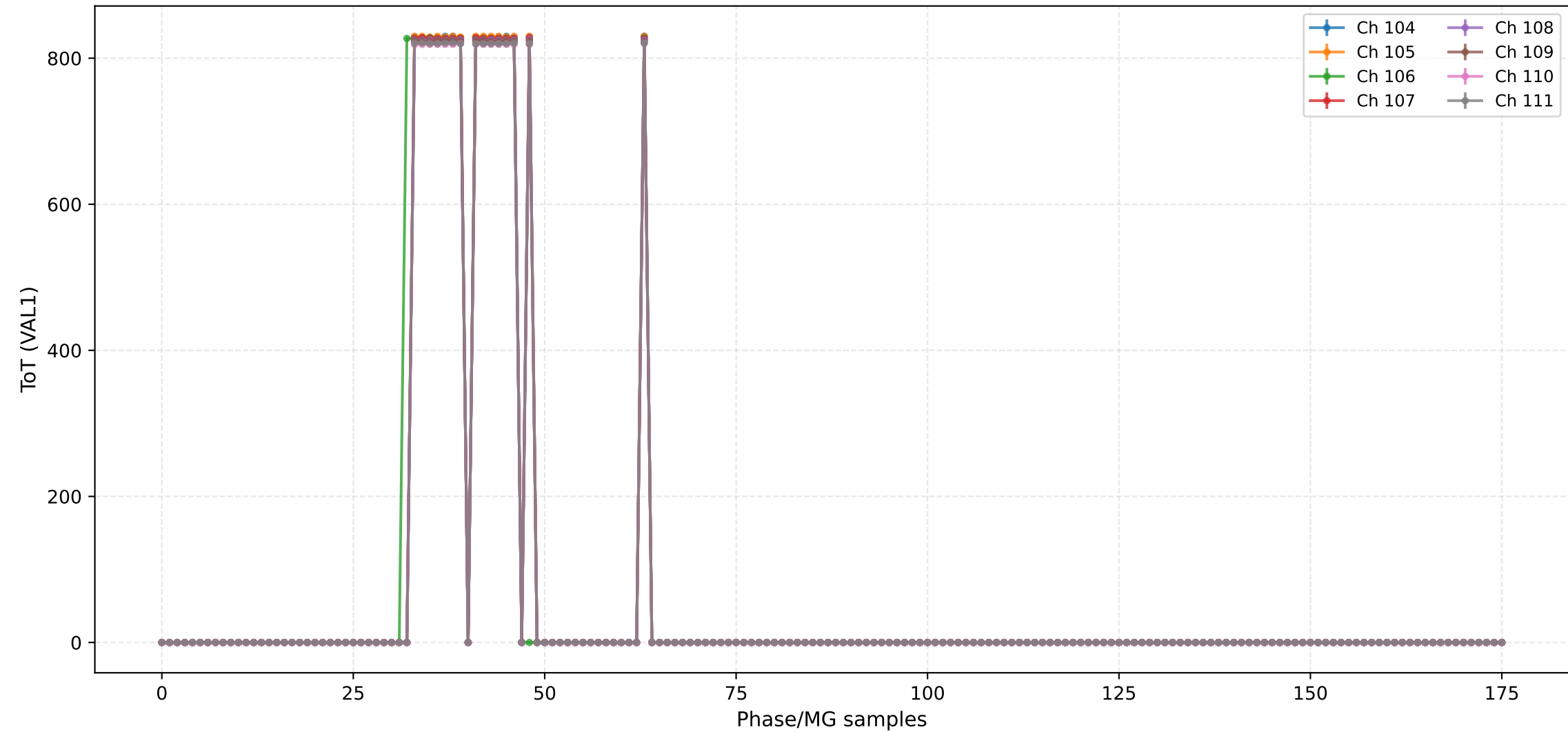


ToT (VAL1) - Channels 96 to 103

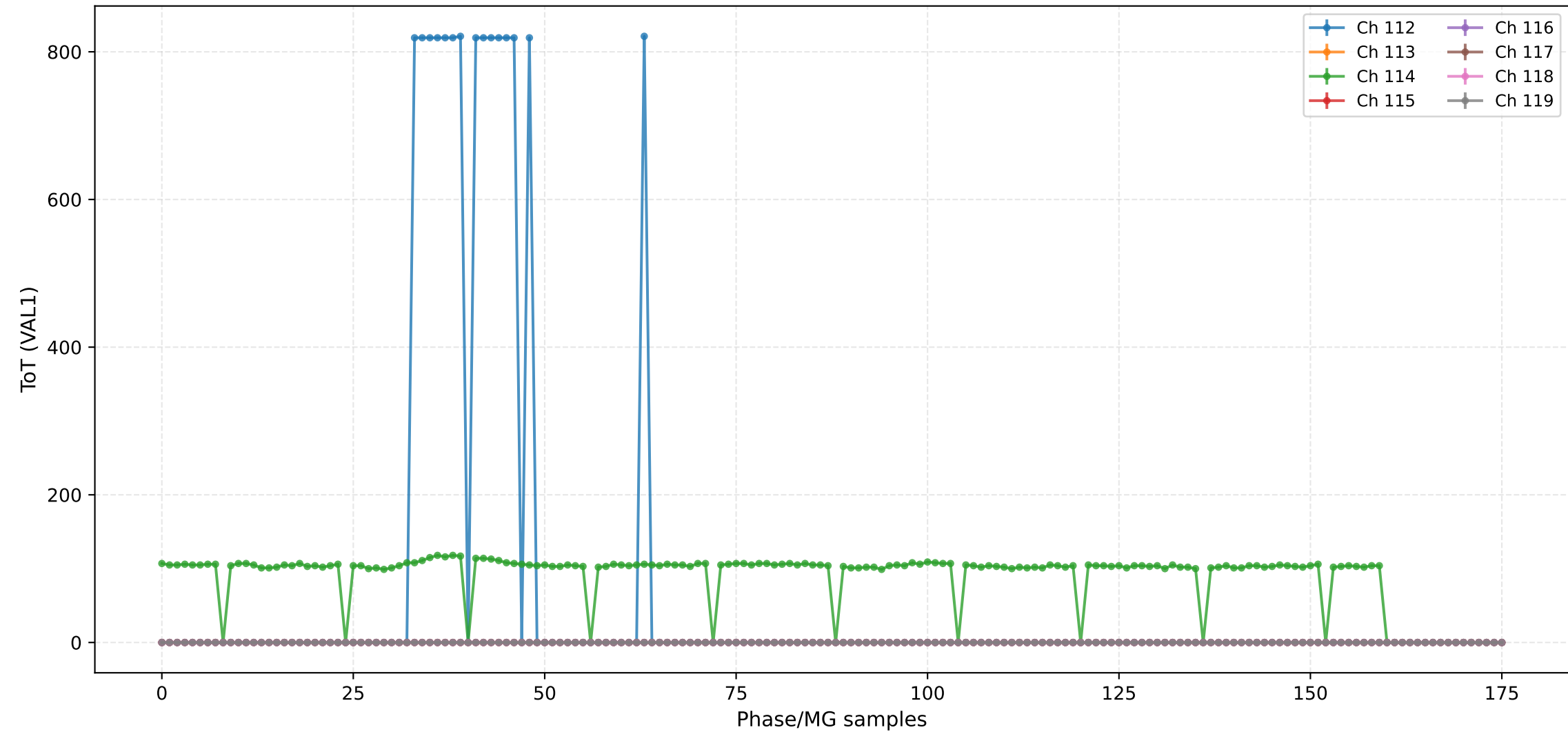




## ToT (VAL1) - Channels 104 to 111



ToT (VAL1) - Channels 112 to 119



## ToT (VAL1) - Channels 120 to 127



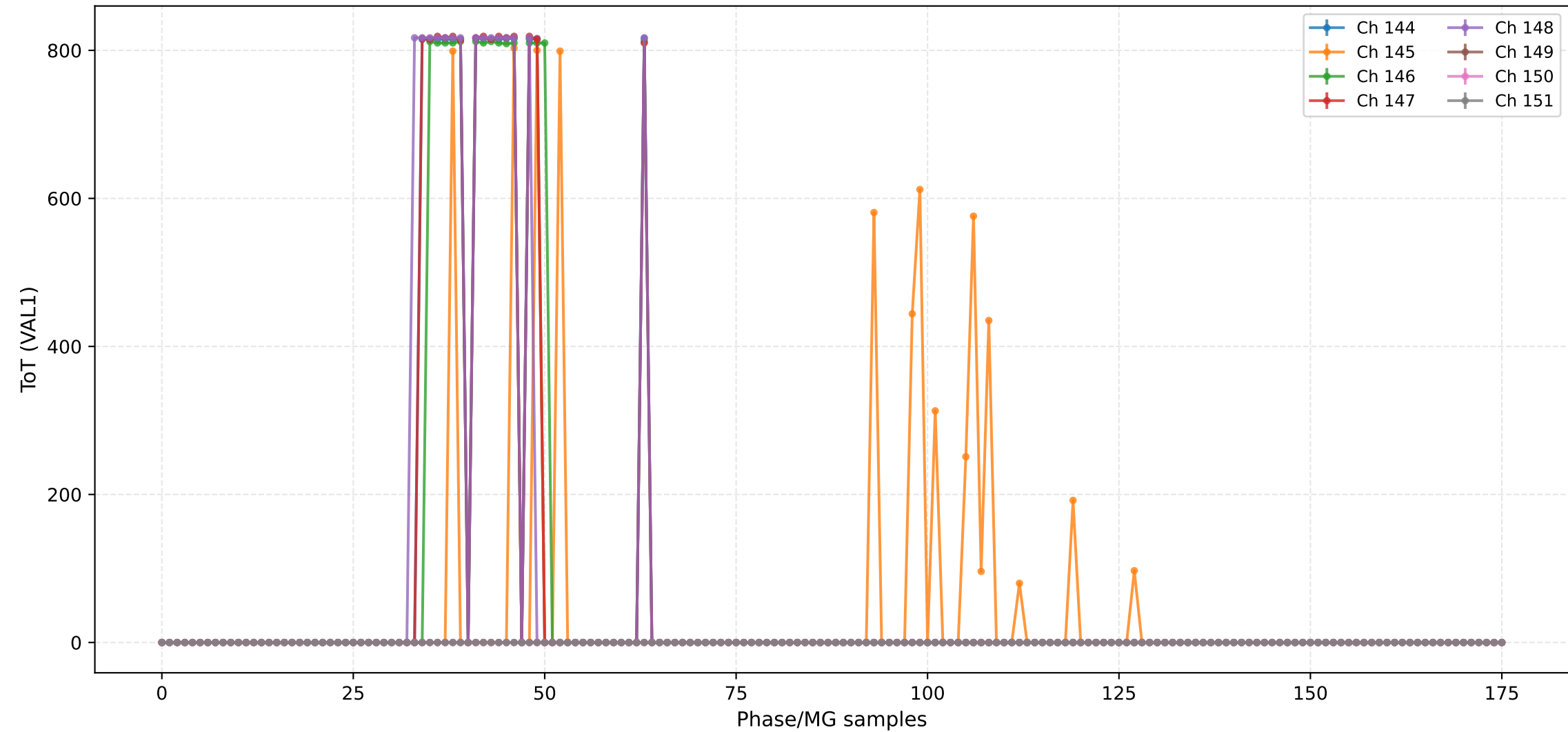
ToT (VAL1) - Channels 128 to 135



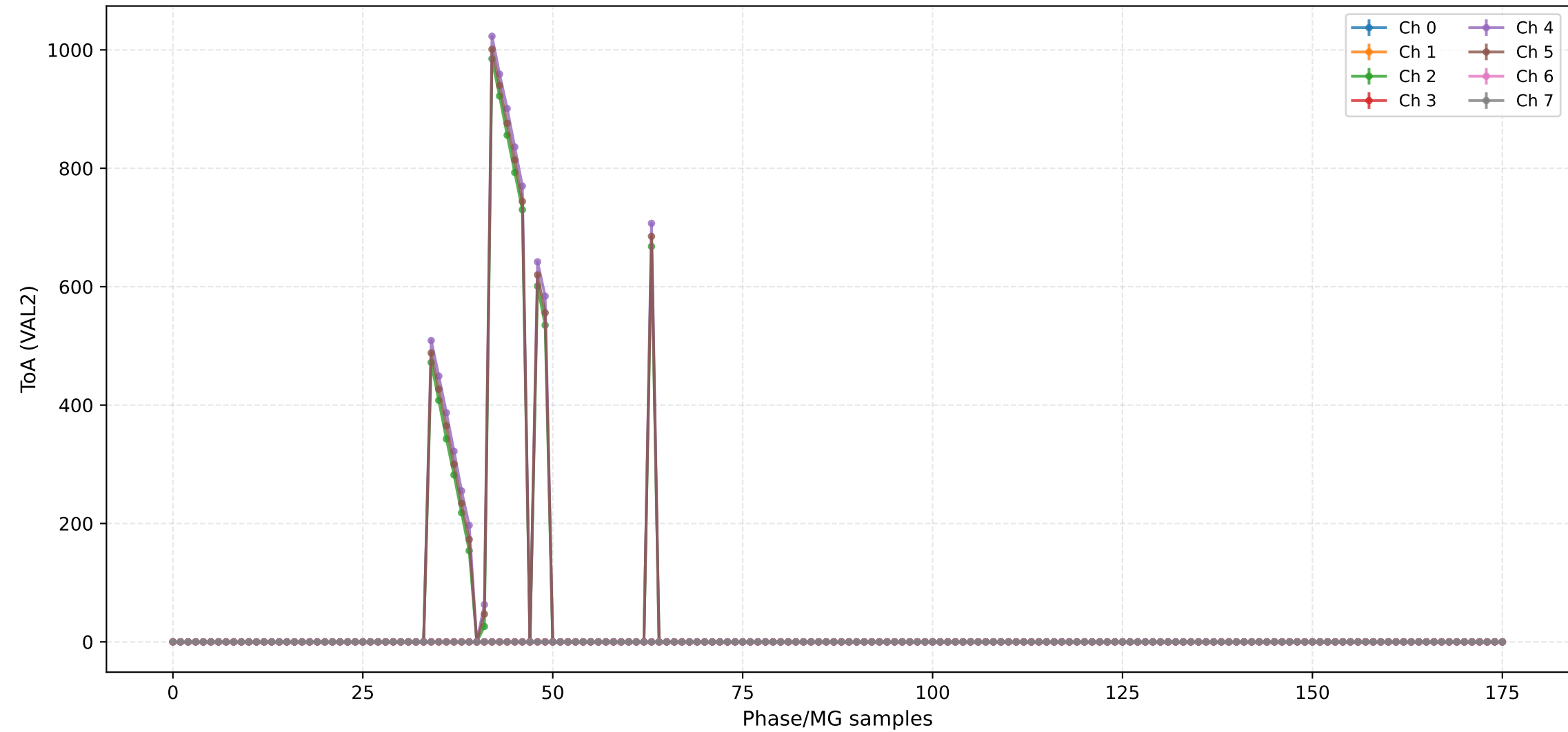
## ToT (VAL1) - Channels 136 to 143



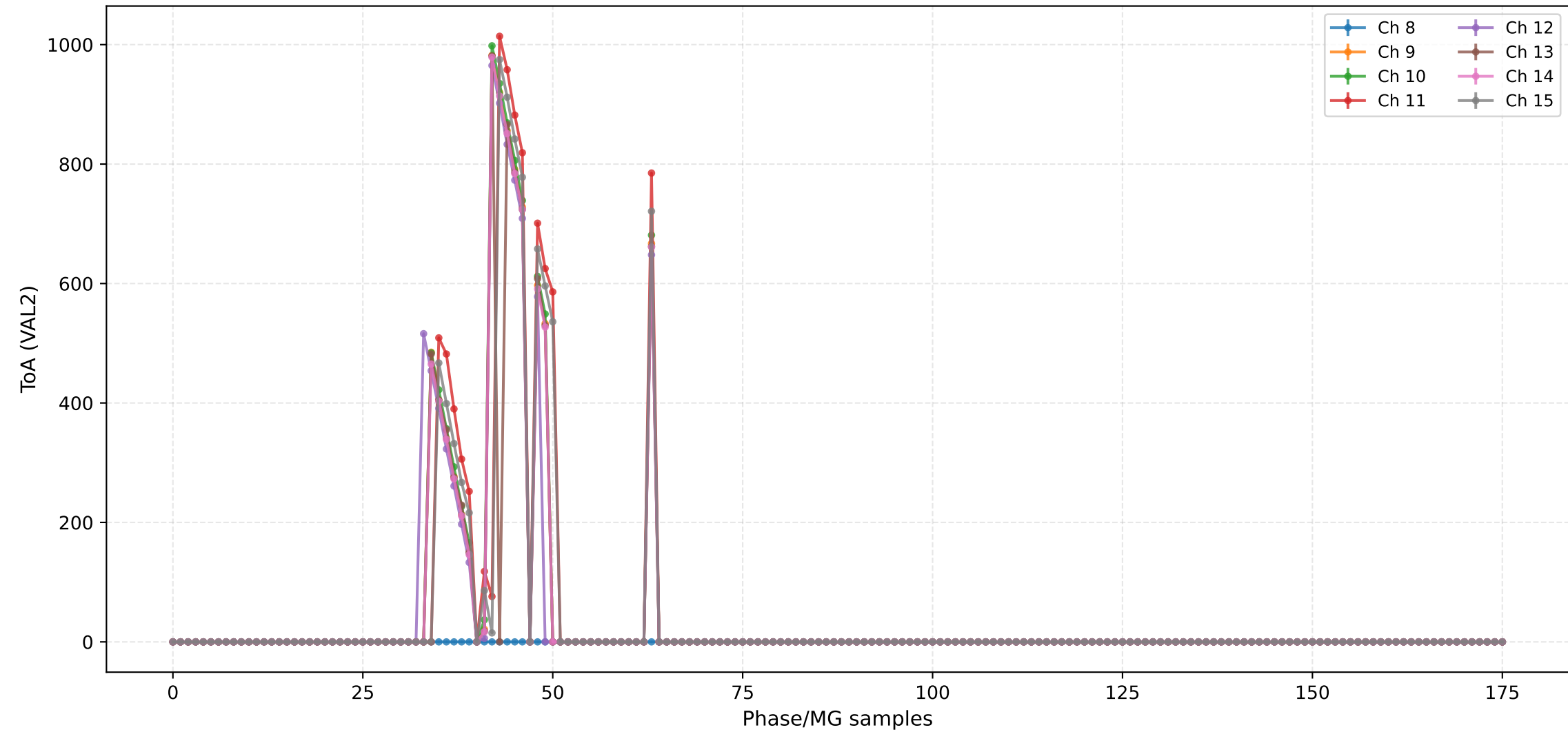
### ToT (VAL1) - Channels 144 to 151



## ToA (VAL2) - Channels 0 to 7

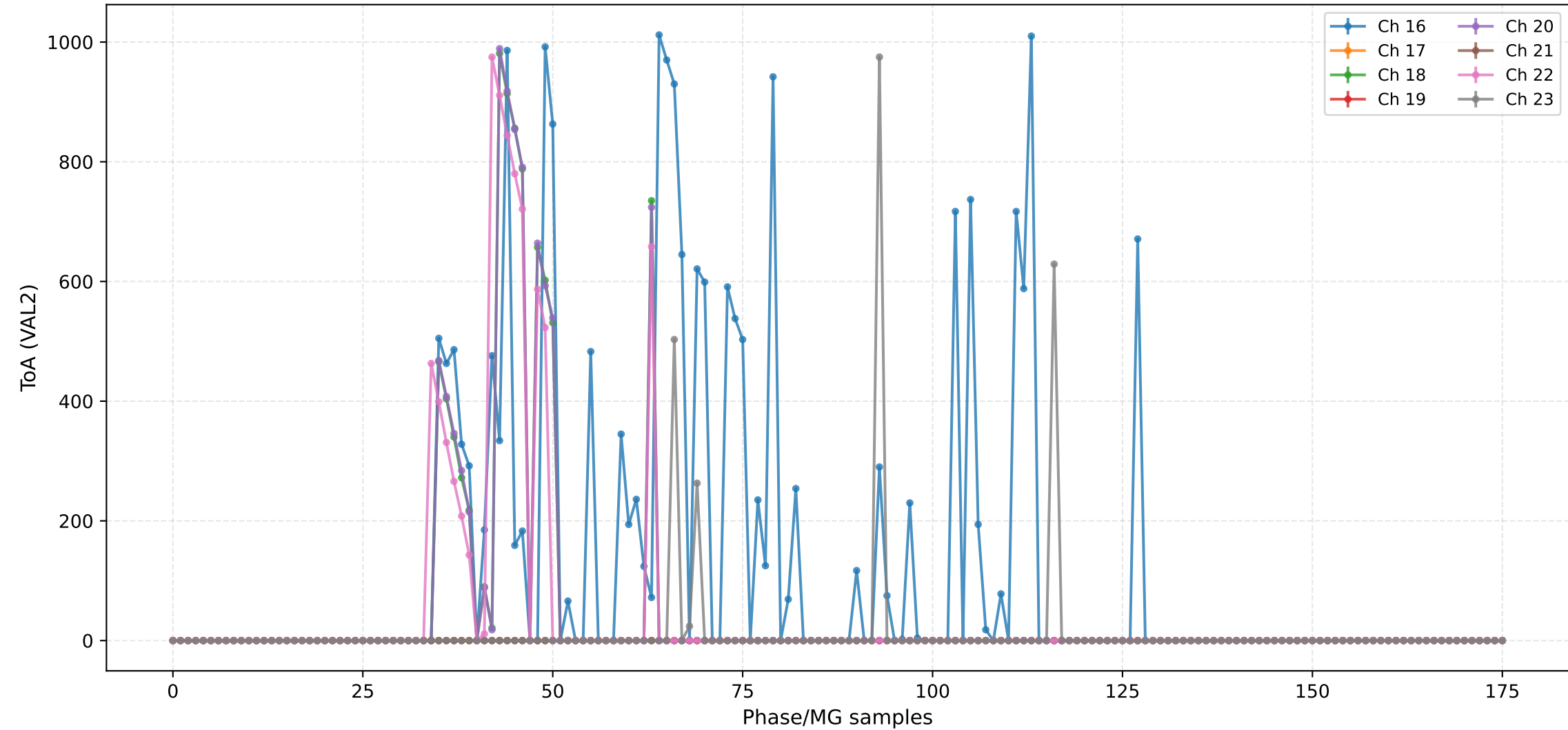


ToA (VAL2) - Channels 8 to 15

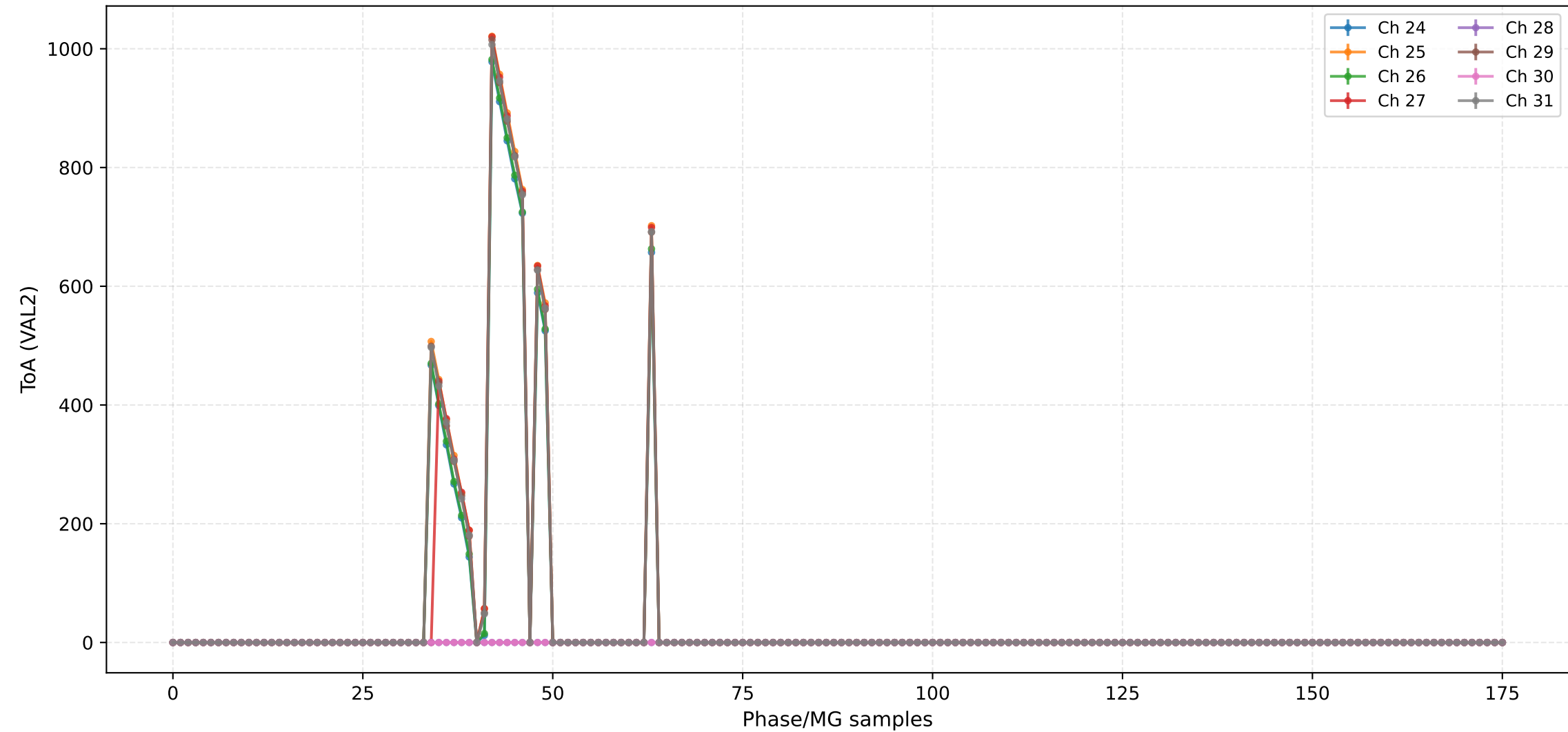




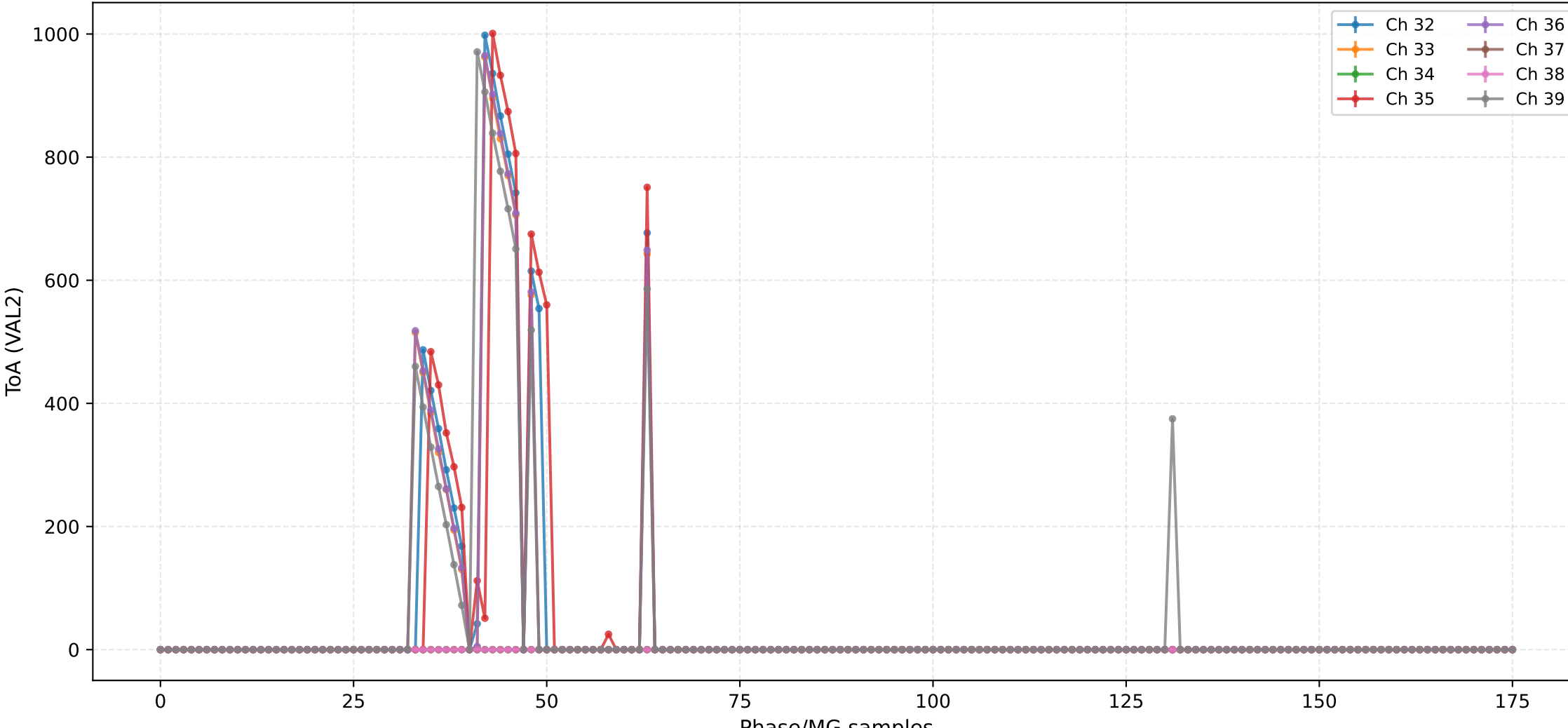
ToA (VAL2) - Channels 16 to 23



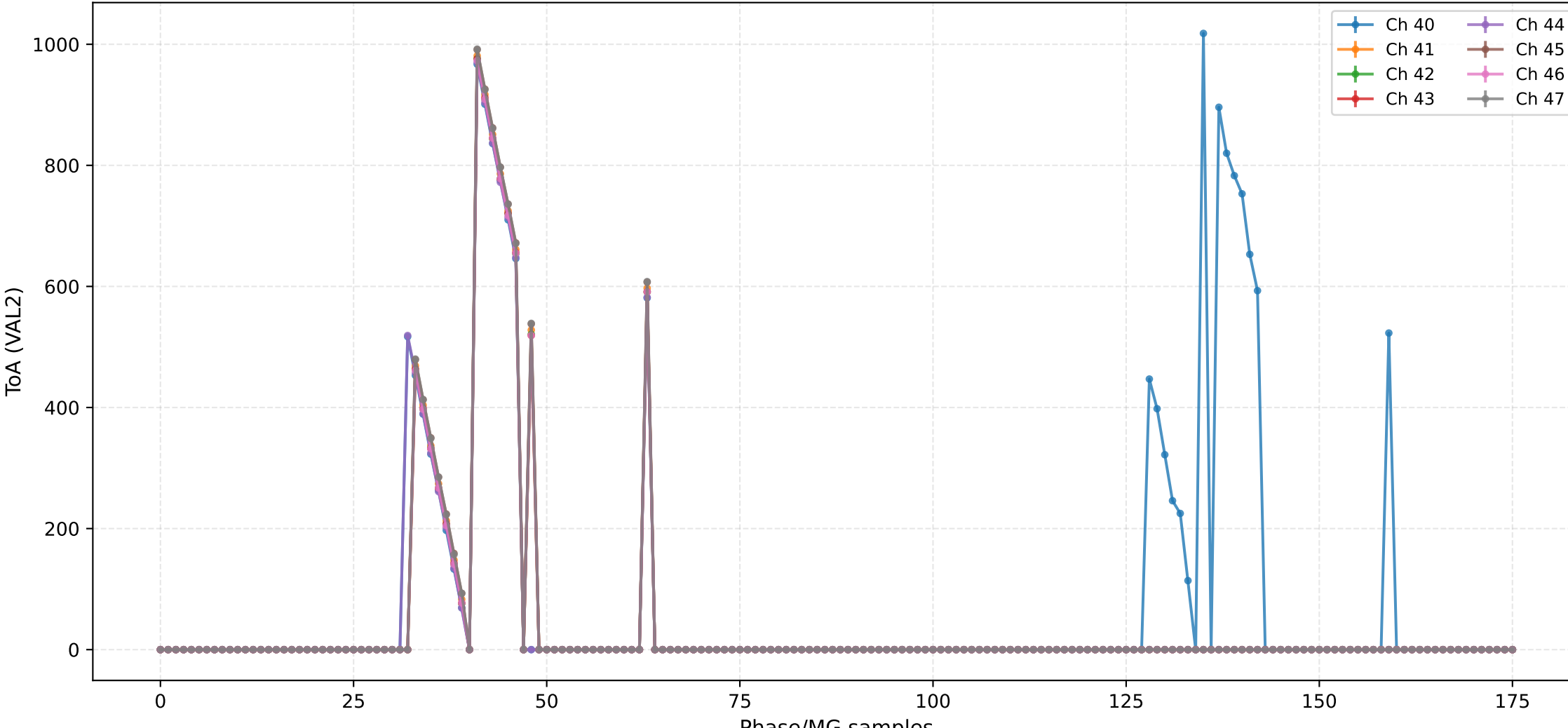
## ToA (VAL2) - Channels 24 to 31



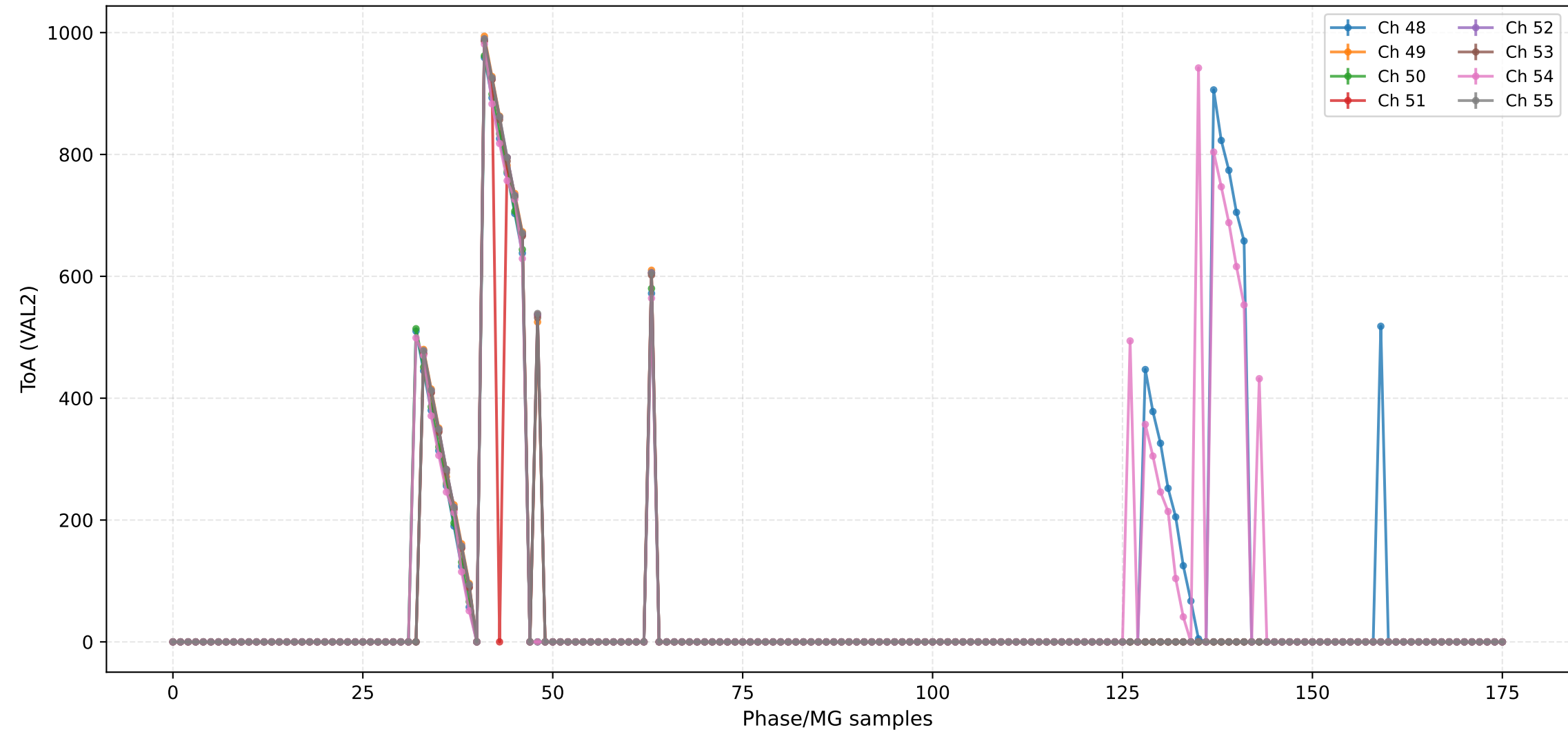
## ToA (VAL2) - Channels 32 to 39



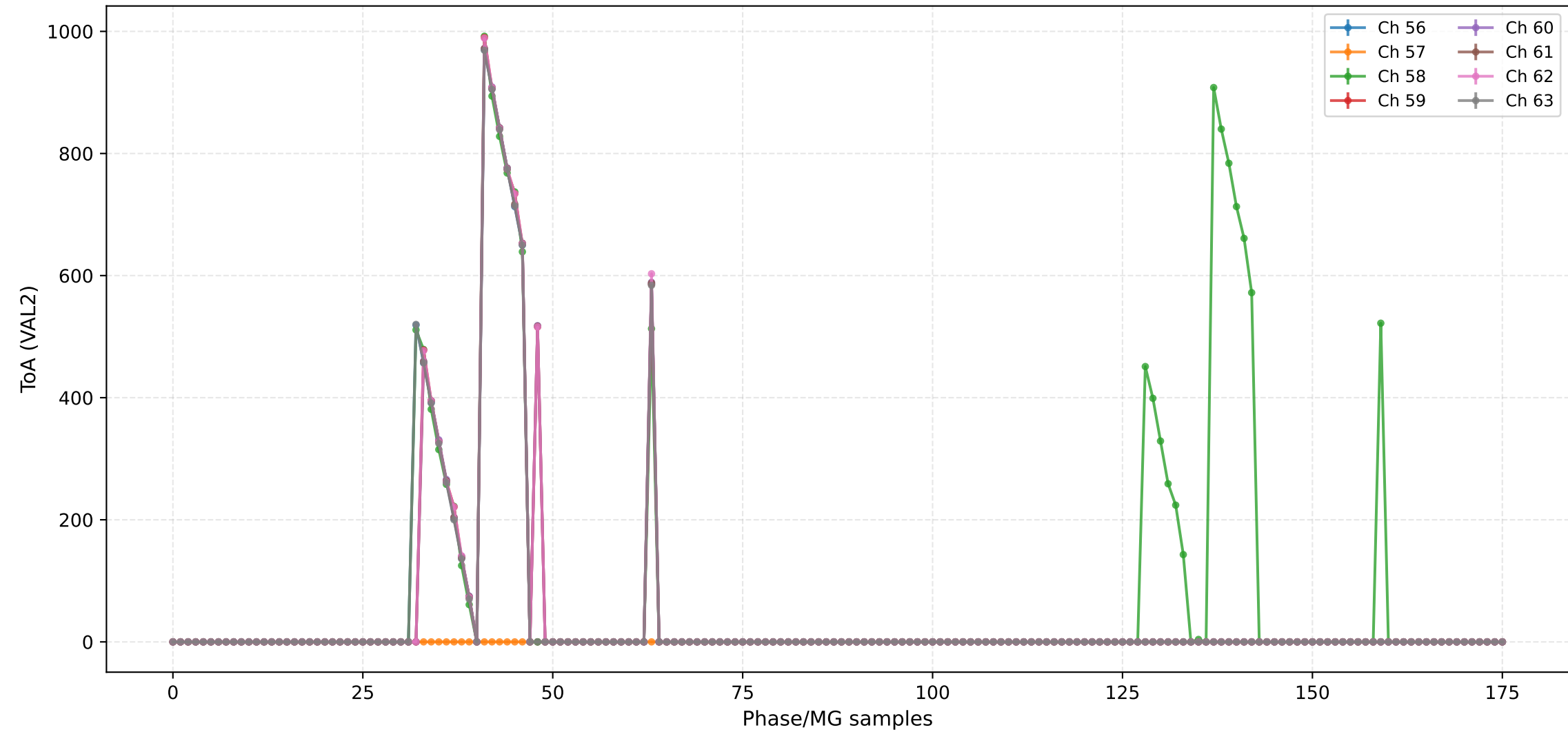
## ToA (VAL2) - Channels 40 to 47



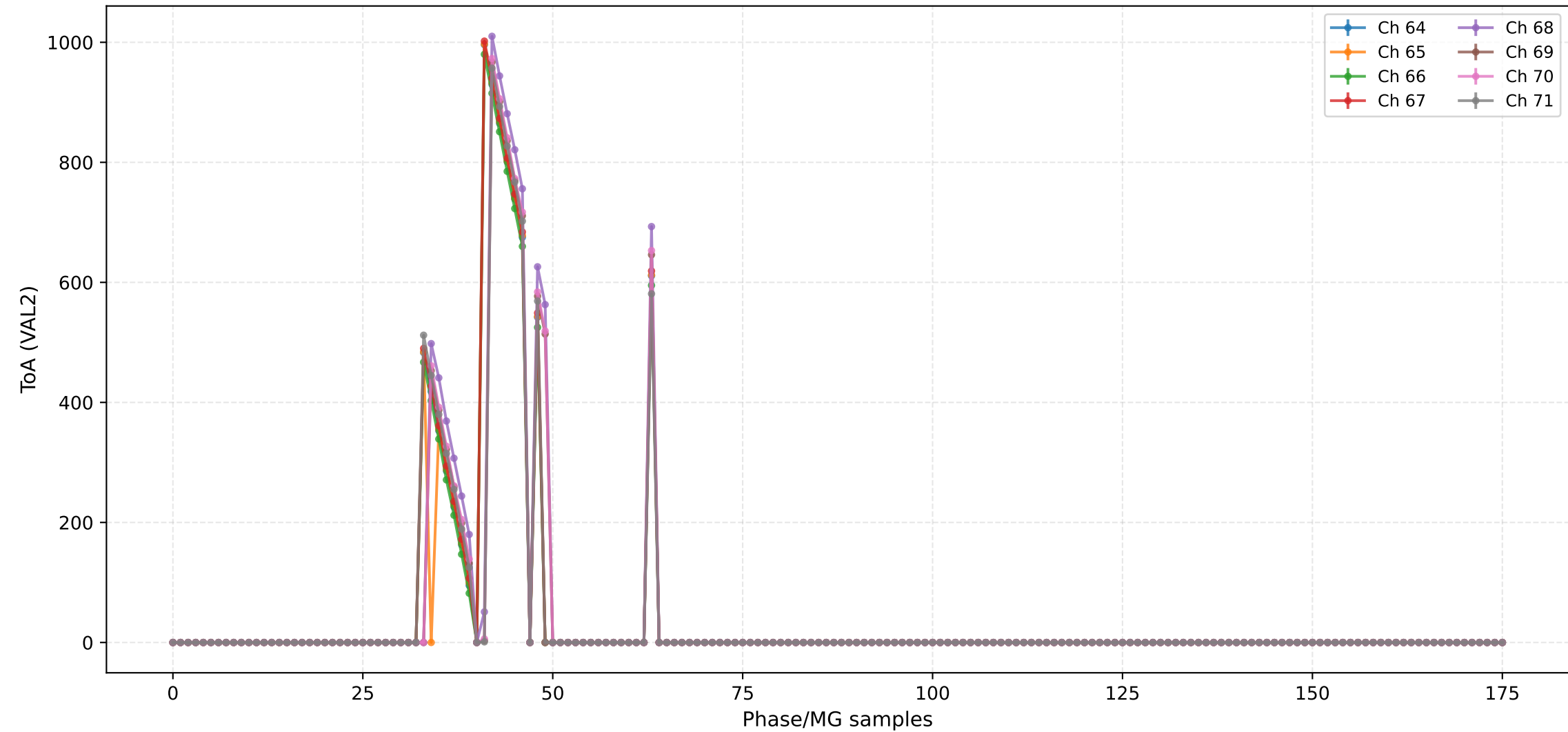
ToA (VAL2) - Channels 48 to 55



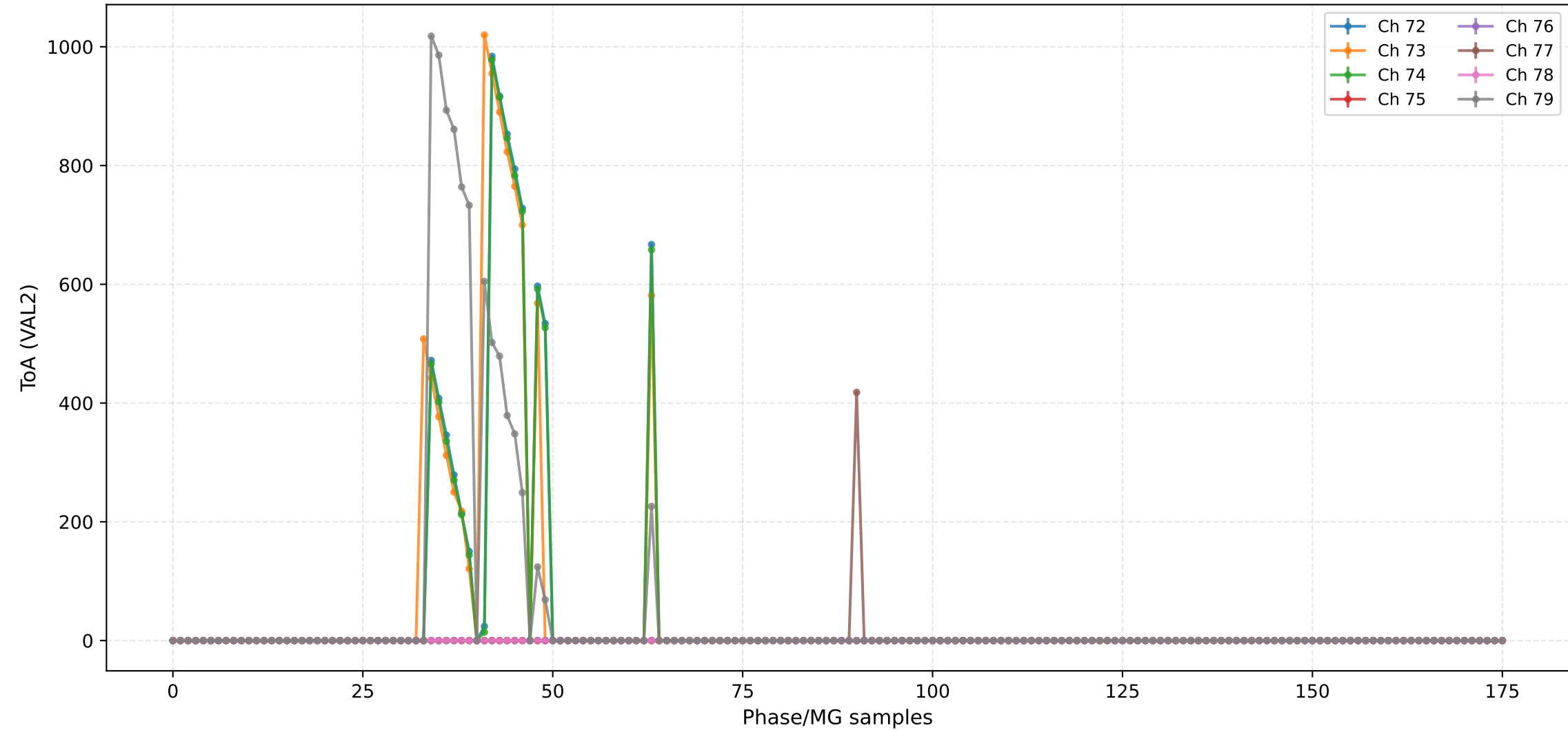
ToA (VAL2) - Channels 56 to 63



## ToA (VAL2) - Channels 64 to 71

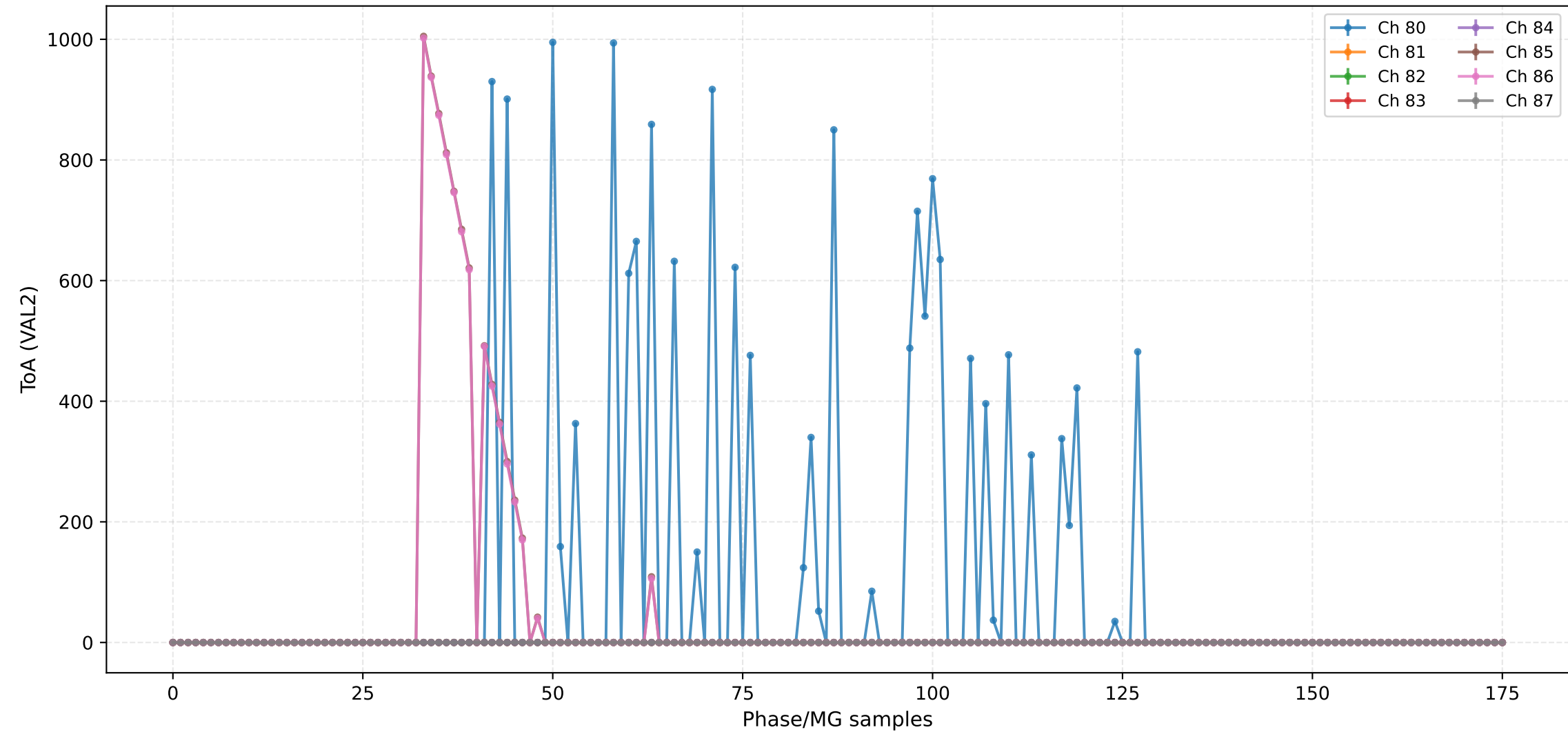


## ToA (VAL2) - Channels 72 to 79



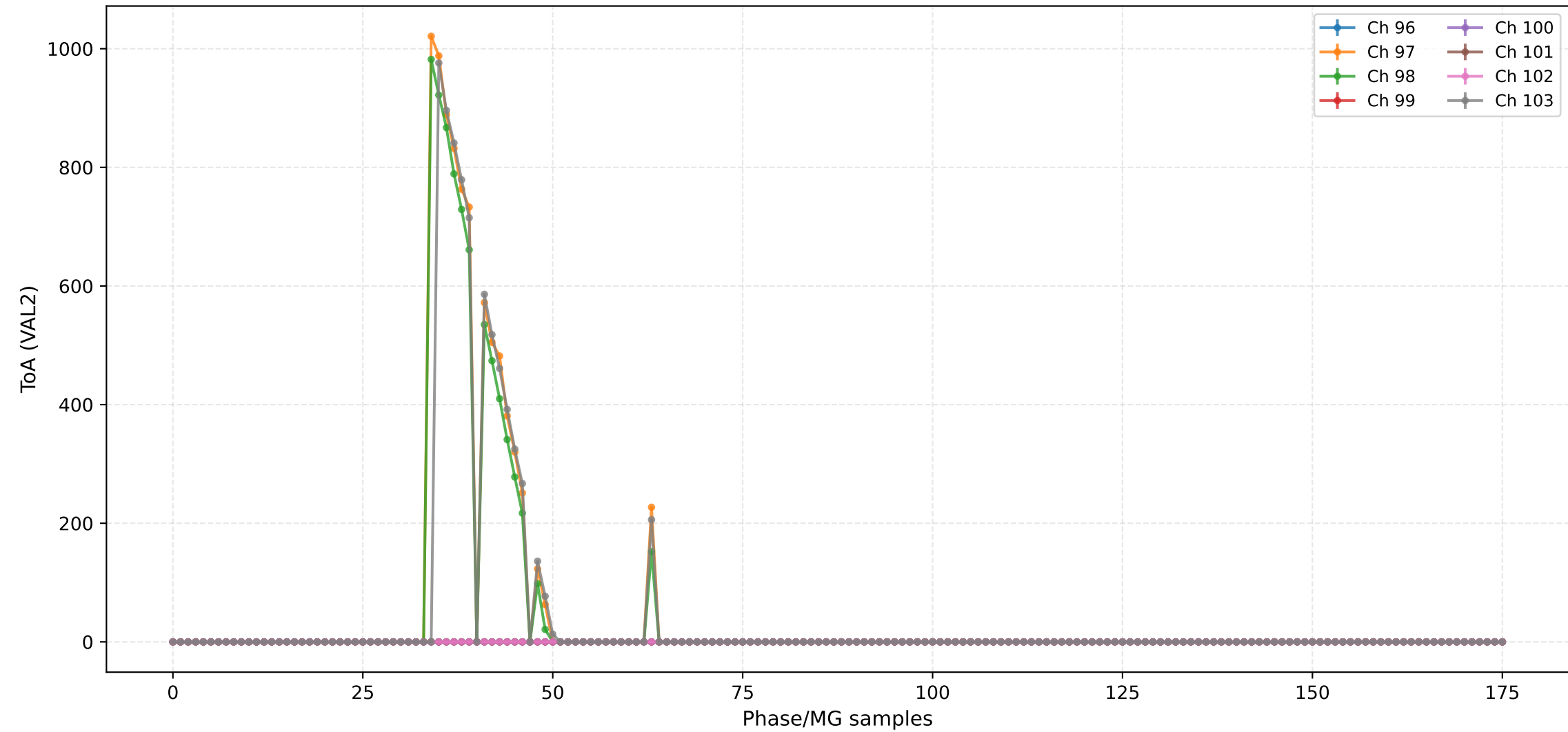


ToA (VAL2) - Channels 80 to 87

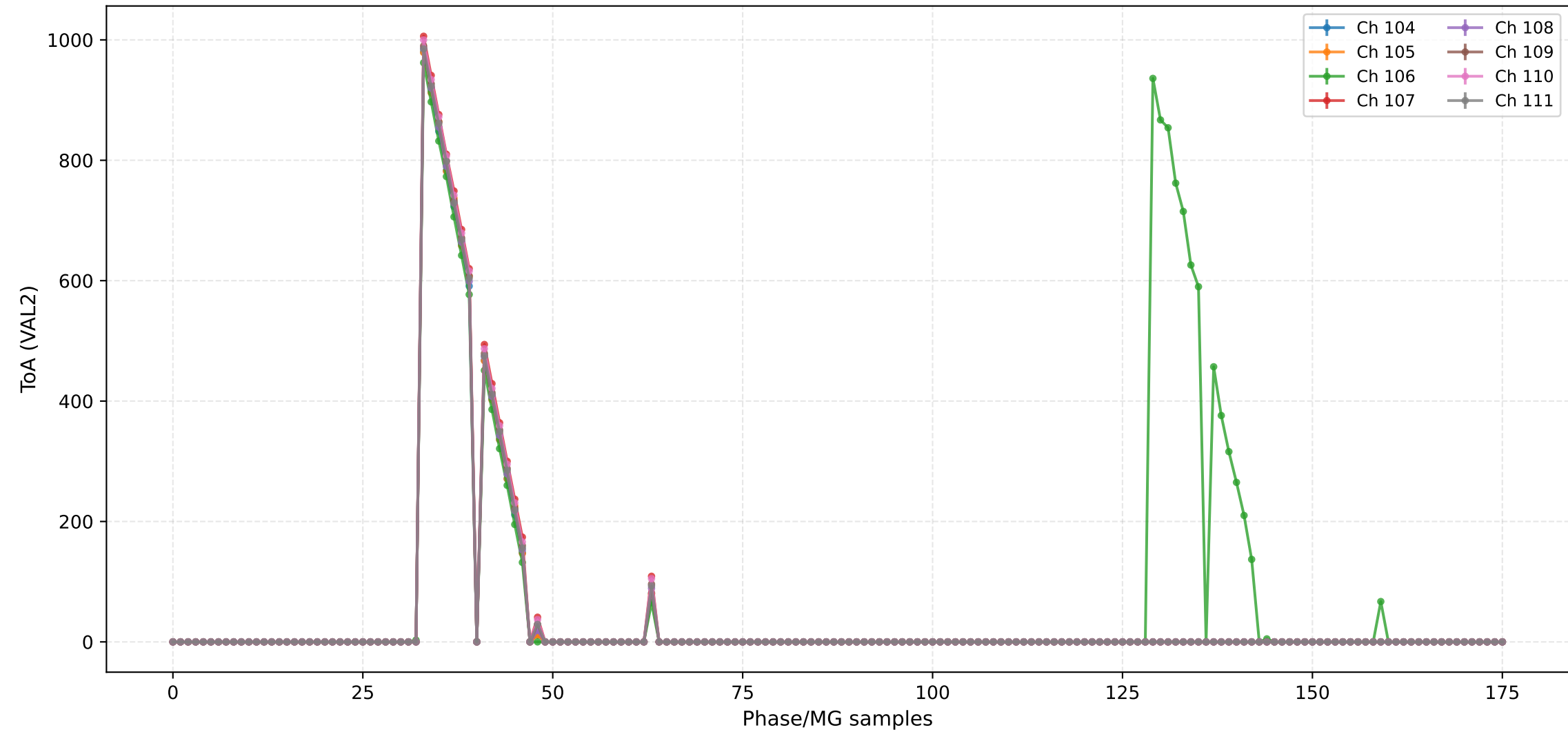




## ToA (VAL2) - Channels 96 to 103



ToA (VAL2) - Channels 104 to 111







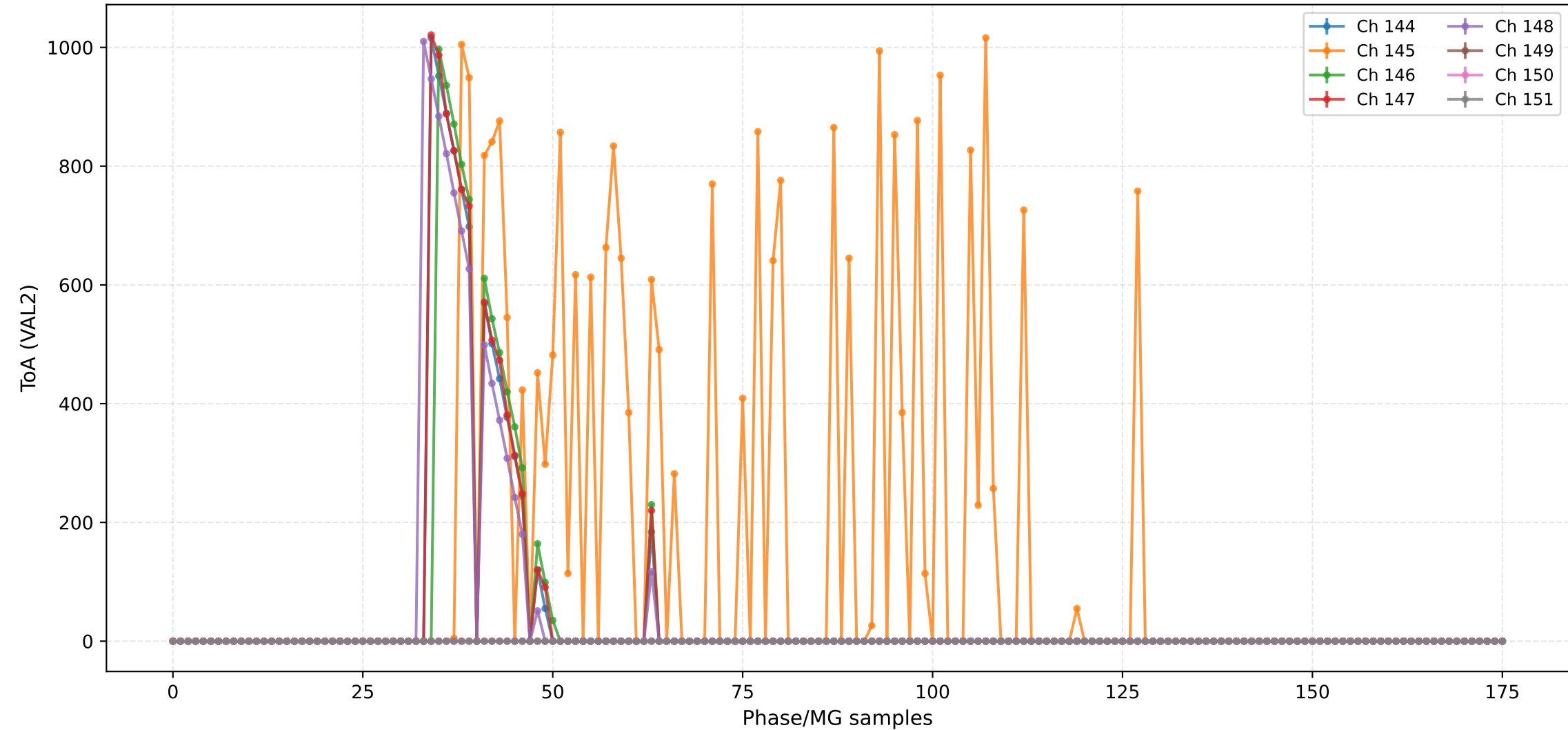
The figure displays a plot of the expectation value of the Pauli matrix  $\sigma_y$  versus time for six channels (Ch 128 to Ch 131). The x-axis is labeled 'Time (10<sup>-10</sup> s)' and ranges from 0 to 175. The y-axis is labeled 'Expectation value' and ranges from -0.5 to 0.5. All six channels show a constant value of 0.0 throughout the entire time range, indicating no precession or evolution of the spin state.







# ToA (VAL2) - Channels 144 to 151



## Injection Scan Results

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Script: 205\_Injection v1.0

Date: 2025-12-11 14:43:32

### Configuration:

- Total ASICs: 2
- Injection DAC: 2300
- Machine Gun: 10
- Scan Pack: 2
- Scan Channels: 76
- 2.5V Injection: True
- High Range Injection: False

### Analog Settings:

- RF: 0x-1
- CF: 0x-1
- CC: 0x-1
- CF Comp: 0x-1

### Output Files:

- 205\_Injection\_asic2\_injdac2300\_mg10\_pack2\_chn76\_val0.csv
- 205\_Injection\_asic2\_injdac2300\_mg10\_pack2\_chn76\_val1.csv
- 205\_Injection\_asic2\_injdac2300\_mg10\_pack2\_chn76\_val2.csv